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Acronyms

5NR	Group of five federal departments dealing with natural resources (Agriculture and Agri-Food Canada, Environment Canada, Fisheries and Oceans Canada, Health Canada and Natural Resources Canada)
AAFC	Agriculture and Agri-Food Canada
ACUIG	Advisory Committee on University-Industry Grants
AECB	Atomic Energy Control Board
ATIP	Access to Information and Privacy Acts
CCAC	Canadian Council on Animal Care
CDE	Chairs in Design Engineering
CFI	Canada Foundation for Innovation
CFS	Canadian Forest Service
CHRP	Collaborative Health Research Projects
CIHR	Canadian Institutes of Health Research
CMC	Canadian Microelectronics Corporation
CMOS	Canadian Meteorological and Oceanographic Society
CMTC	Chairs in the Management of Technological Change
CRC	Canada Research Chairs
CRD	Collaborative Research and Development Grant
CRO	Collaborative Research Opportunities Grant
DFO	Department of Fisheries and Oceans
DRDC	Defence Research and Development Canada
CRO	Collaborative Research Opportunities
CSA	Canadian Space Agency
DND	Department of National Defence
EARP	Environmental Assessment Review Process
EQP	Equipment Grants
ESS	Earth Sciences Sector
ESSNRCan	Earth Sciences Sector of Natural Resources Canada
GEOIDE	Geomatics for Informed Decisions
GP	Genomics Projects
GSC	Grant Selection Committee
IC	Industry Canada
iCORE	Alberta Informatics Circle of Research Excellence
IOF	International Opportunity Fund
IPM	Intellectual Property Management
IPP	Institute of Particle Physics
IPS	Industrial Postgraduate Scholarship
IRC	Industrial Research Chair
IRF	Industrial Research Fellowship
JSPS	Japan Society for the Promotion of Science
MFA	Major Facilities Access Grant
MRC	Medical Research Council of Canada
MSC	Meteorological Service of Canada
NATO	North Atlantic Treaty Organisation
NCE	Networks of Centres of Excellence
NFS	New Faculty Support Grant
NHRDP	National Health Research and Development Program
NRC	National Research Council
NRCan	Natural Resources Canada

NRCP	Northern Research Chairs Program
NSERC	Natural Sciences and Engineering Research Council of Canada
PDF	Postdoctoral Fellowship
PGS	Postgraduate Scholarship
R&D	Research and development
RG	Research Grant
RNG	Research Network Grant
RPA	Research Partnership Agreements
RPP	Research Partnerships Program
SAP	Subatomic Physics
SME	Small and medium-sized enterprise
SPARK	Students Promoting Awareness of Research Knowledge
SPG	Strategic Project Grant
SSHRC	Social Sciences and Humanities Research Council of Canada
ST	Ship Time
TPP	Technology Partnerships Program
UFA	University Faculty Awards
USRA	Undergraduate Student Research Award
VF	Visiting Fellowships in Canadian Government Laboratories

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Eligibility Criteria

Support of Research in Psychology

The field of psychology is supported by the three granting agencies as follows.

NSERC considers applications that relate to fundamental psychological processes, their underlying neural mechanisms, their development within individuals, and their evolutionary and ecological context. Fundamental processes are understood to include:

- sensation and perception;
- sensorimotor integration;
- motivation, emotion, and reward;
- learning and memory;
- cognition and language; and
- sleep, arousal, and the chronobiological modulation of behaviour.

NSERC also considers applications concerning statistical methods for analysis of psychological data.

Clinical psychology programs are not normally eligible for NSERC support.

SSHRC considers applications in the broad area of social psychology. A detailed description of the areas that fall under the jurisdiction of SSHRC is published by that agency. These currently include, but are not necessarily limited to:

- experimental social psychology: social behaviour in an experimental setting including the dynamics and processes of interpersonal relations; behaviour in small and large groups; interpersonal influence;
- communication: interpersonal communication; social aspects of psycholinguistics; socio-linguistics and ethnolinguistics; mass media effects;
- social processes and social issues: the examination of social phenomena in a natural setting from a psychological perspective;
- personality: human personality traits and processes and their behavioural manifestations, including emotions and non-pathological emotional reactions; defence mechanisms, cognitive style, creativity, self concept, self perception, and the measurement of these traits;
- developmental psychology: children's social and personality development, social behaviour and personality in adulthood and aging;
- educational psychology: educational research pertaining to both normal and special populations; school learning and prediction of achievement;
- history and philosophy of psychology and psychological analysis of historical figures;
- theory and method: studies of a theoretical or methodological nature; and
- applied psychology: projects in the areas of organizational and industrial psychology, and environmental psychology.

CIHR considers applications for support of research on normal and abnormal psychological processes with clear and direct relevance to human health. This includes research on behavioural aspects of physical health and disease or mental health and disorders.

Company Eligibility

To participate in the Industrial Research Fellowship (IRF) program, companies must be deemed eligible by NSERC. Eligible companies may also participate in the industrial component of the Undergraduate Student Research Awards (USRA) program.

To be eligible, a company must:

- be either federally or provincially incorporated in Canada (companies that have not been

incorporated may be considered if they are wholly Canadian-owned);
- operate on a for-profit basis (government-owned companies will be considered provided they operate as regular for-profit enterprises, or on a cost-recovery basis; universities and other non-profit institutions that receive a significant portion of the operating budget from public funds are not eligible);
- possess adequate and sound financial resources;
- be engaged in R&D activities based, to a significant extent, on technology derived from the natural sciences or engineering;
- maintain appropriate research facilities (e.g., laboratories, computing equipment) on the company premises; and
- demonstrate that it can apply the results of its research by completing subsequent development work in Canada and by marketing or exploiting the products or processes from a Canadian base in the best interests of the company and the Canadian economy.

Also eligible are organizations that represent a group of Canadian enterprises or producers (such as agricultural or fishing cooperatives or trade associations), consulting firms, engineering firms, and other enterprises that do not have production facilities. These types of organizations must demonstrate their ability to fund and apply the research through a Canadian company or association.

List of Eligible Companies (By Province)

- Yukon
- British Columbia
- Alberta
- Saskatchewan
- Manitoba
- Ontario
- Québec
- New Brunswick
- Prince Edward Island
- Nova Scotia
- Newfoundland

Form 183

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Introduction

What is NSERC?

NSERC (the Natural Sciences and Engineering Research Council of Canada) is the national instrument for making strategic investments in Canada's capability in science and technology. An arm's-length federal agency, it is responsible for promoting and supporting research in the natural sciences and engineering, other than the health sciences.

NSERC's Mission

NSERC invests in people, discovery, and innovation to build a strong Canadian economy and to improve the quality of life for all Canadians. It supports research in universities and colleges, research training of scientists and engineers, and research-based innovation.

The Council promotes excellence in intellectual creativity in both the generation and use of new knowledge, and it works to provide the largest possible number of Canadians with leading-edge knowledge and skills to help Canada flourish in the 21st century.

NSERC fulfils its mission by awarding scholarships and research grants through peer-reviewed competition, and by building partnerships among universities, colleges, governments and the private sector.

NSERC itself is committed to institutional innovation in achieving its mission.

About this Guide

As announced last summer, print versions of NSERC's program literature are being replaced by user-friendly electronic versions. A "Print-Friendly Version " button has been added to allow for easy printing of individual sections.

The *Program Guide for Students and Fellows* contains information that will be needed by applicants for and holders of NSERC awards. It supersedes all previous statements by NSERC on award guidelines. The regulations governing the awards are in effect as of September 1, 2001.

NSERC may, without notice, alter the programs or the terms and conditions of the awards. Any major changes will be announced immediately on NSERC's Web site.

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Overview of Scholarship and Fellowship Programs

Type of Support	Value	Deadline	Announcement of Results	How to Apply
Undergraduate Level				
Undergraduate Student Research Awards (USRA) in Universities	$4,000 plus university contribution	Set by university	By university	Form 202
Undergraduate Student Research Awards (USRA) in Industry	$4,000 plus company contribution	Three weeks before the scheduled start date	1 month after receipt of application	Form 202
Postgraduate Level				
Postgraduate Scholarships:				
Applicants applying through a university:				
PGS A	$17,300 a year (for two years)	Set by university	March	Form 200
PGS B	$19,100 a year (for two years)	Set by university	March	Form 200
Applicants applying **directly** to NSERC:				
PGS A	$17,300 a year (for two years)	November 15	March	Form 200
PGS B	$19,100 a year (for two years)	November 15	March	Form 200
Postgraduate Supplements				
Industrial Postgraduate Scholarships:				
IPS 1 and IPS 2	$13,800 a year (for two years) plus company contribution of $5,500 minimum a year	No NSERC deadline (there may be university deadlines)	By Dean of Graduate Studies	Form 200
Postdoctoral Level				
Postdoctoral Fellowships (PDF)	$35,000 a year (for two years)	November 15*	March	Form 200
Postdoctoral Supplements				
Industrial Research Fellowships (IRF)	$30,000 a year (for two years) plus company contribution of $10,000 minimum a year	Date varies (Four competitions each year. See details on this site.)	Usually 3 weeks after competition date	Form 200 and 183C

Visiting Fellowships in Canadian Government Laboratories (VF)	$36,785 a year (1 year, renewable for up to 2 more years)	No deadline	See VF Guide	Form 200
NATO Science Fellowships	$33,000 a year (up to 2 years)	October 1	See NATO Science Fellowships	Form 200
Japanese Society for the Promotion of Science (JSPS) Fellowships	Contact NSERC for more information about these fellowships		By Foreign Division, JSPS	
University Faculty Awards (UFA)	$40,000 a year (contribution to salary and fringe benefits for 3 years, renewable for 2 years)	November 1	March	

*You may have to meet earlier deadlines at the university.

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Information for Applicants

About the Available Funding

What kind of scholarship and fellowship funding does NSERC offer?
Are you eligible to apply?
Proof of citizenship
Where can you hold these awards?
Selecting the appropriate federal granting agency
Is your proposed research eligible for NSERC support?
Changing your field of study
What types of research are not eligible?
Are you eligible to hold an award?

About the Application Process

How do you apply for funding?
Deadlines
Do you have a question about your application?
Special circumstances
Can you appeal a decision?
Can you defer or interrupt an award?
Paid parental leave
Privacy issues
Who owns the rights to intellectual property from research?

About the Available Funding

What kind of scholarship and fellowship funding does NSERC offer?

NSERC supports the development of highly qualified Canadians in science and engineering through a number of scholarships and fellowships programs. (Some of these programs are targeted to Aboriginal people.)

These programs are intended to:

- stimulate the interest of undergraduate students in research;
- provide financial support to graduate students and postdoctoral fellows engaged in advanced studies and research; and
- assist recent recipients of doctoral degrees in adding to their research experience.

Are you eligible to apply?

To determine if you are eligible for a particular award, see the information about eligibility criteria at the beginning of each program description.

NSERC uses the date of degree completion to determine the eligibility of applicants. This is the date on which all the requirements of your degree have been met, including successful defence and submission of the corrected copy of your thesis (in accordance with your university's regulations).

Proof of citizenship

To be eligible for support for the majority of the programs (except for NATO Science Fellowships and Visiting Fellowships in Canadian Government Laboratories), you must be a Canadian citizen, or a permanent resident of Canada, as of the deadline date for application. Please note that NSERC may ask for proof of citizenship or residency status before it provides funding.

Where can you hold these awards?

Scholarships and fellowships are generally tenable at institutions whose standing is recognized by NSERC. When you select a location for tenure, you should remember the importance of obtaining a diverse educational background and varied experience by studying at more than one institution.

Selecting the appropriate federal granting agency

There are two other federal granting agencies that offer support for which you may be eligible:

- The Canadian Institutes of Health Research (CIHR) supports the creation of new knowledge and its translation into improved health for Canadians, more effective health services and products, and a strengthened Canadian health care system.
- The Social Sciences and Humanities Research Council of Canada (SSHRC) promotes and supports research and research training in the social sciences and humanities.

The agencies will collaborate and cooperate to prevent unnecessary duplication of effort. However, mutually exclusive guidelines are difficult to define and some research proposals will necessarily overlap the individual jurisdictions, priorities and interests of the three bodies. Applicants should consult the guidelines of each body to select the agency best suited to consider their application. **You may only submit one application per year to NSERC or CIHR or SSHRC.**

In some instances, applicants seeking support for interdisciplinary research that bridges the areas covered by more than one of the three agencies (NSERC, CIHR and SSHRC) might be uncertain as to which agency they should submit their proposal. If you are not certain about the eligibility of your proposed research, consult with one of the granting agencies well before any applicable deadlines, or contact the scholarships liaison officer at the Faculty (School) of Graduate Studies at your institution.

Is your proposed research eligible for NSERC support?

To be eligible for support from NSERC, you must be undertaking a program of

study or research in one of the fields that NSERC supports. The proposed research must clearly be intended to advance knowledge in one of the natural sciences or in engineering. In addition, for awards held in universities, the research must be supervised by a faculty member whose own research is in a field that NSERC supports.

Some eligibility conditions may apply if you intend to undertake research in such fields as:

- business and management studies;
- geography;
- optometry;
- physical education;
- psychology; and
- the basic health sciences.

These fields lie at the interface between the disciplines supported by NSERC, CIHR, or SSHRC.

If you intend to undertake research in psychology, you should carefully read Support of Research in Psychology, before you apply for an award.

If you are not certain about the eligibility of your proposed research, consult with your university scholarship liaison officer or one of the granting agencies well before any applicable deadlines.

Changing your field of study

If you receive an award from NSERC, but then change your field of study or research to a field that NSERC does not support, you will no longer be eligible. As a result, NSERC will cancel the award.

What types of research are not eligible?

In cases where the proposed research is deemed to fall within the mandate of either CIHR or SSHRC, **NSERC will not accept the application**.

If you intend to undertake clinically oriented research, please note that these fields are not eligible for NSERC scholarship support. Contact CIHR for more information about funding for these fields.

Are you eligible to hold an award?

To hold an award, you must:

- abide by the regulations governing awards, as described in this *Guide*, in the Notice of Award and in the *Award Holder's Guide* or in the *NATO Science Fellowships program*;
- abide by regulations regarding animal care, ethical considerations in the use of human subjects in research, and biohazards (see Requirements for Certain Types of Research);
- comply with NSERC's integrity policy (see Tri-Council Policy Statement: *Integrity in Research and Scholarship*); and
- acknowledge, wherever possible, NSERC's funding assistance for the research.

Note
Awards may be cancelled without notice if the conditions under which they are granted are violated.

Additional eligibility requirements may apply to specific programs and are described in the relevant sections.

About the Application Process

How do you apply for funding?

To apply for these awards, use:

- Form 200, Application for an NSERC Scholarship or Fellowship; or
- Form 202, Application for an Undergraduate Student Research Award (USRA).

Deadlines

Depending on the type of award you are seeking, there are a number of deadlines to keep in mind when you apply for support from NSERC. For an overview of the funding programs available and associated deadlines, see Overview of Scholarship and Fellowship Programs.

NSERC must receive your application by the specified deadline. If your application is postmarked before the deadline but NSERC receives it after the deadline, NSERC will still consider it late and reject it. If the deadline falls on a weekend or holiday, NSERC must receive your application by the next working day. For certain programs, universities also have internal deadlines that you must meet well in advance of any NSERC deadline. For more information about these internal deadlines, contact the scholarship liaison officer at your university.

Do you have a question about your application?

If you have a question or would like more information on your application, please contact:

Scholarships and Fellowships Division
NSERC
350 Albert Street
Ottawa, Ontario K1A 1H5
E-mail: schol@nserc.ca

Special circumstances

In your application, you should describe any special considerations that may have had an effect on your performance or productivity. Include any considerations that may have resulted in delays in disseminating your research results, such as health problems, family responsibilities, disabilities, or other circumstances (e.g., the time necessary to complete a monograph, file a patent, or commercialize an industrial process or product). Explain any gaps in the chronology of your experience. The selection committee will take these circumstances under consideration when

evaluating your application.

Can you appeal a decision?

NSERC will consider reversing a decision only if there is compelling evidence of error or discrimination in the review process. Appeals can be based only on information available in the application. NSERC must receive your appeal within two months of the date you received your notification of decision.

Can you defer or interrupt an award?

You may defer a PGS, PDF or IPS for up to three years before you take it up, or interrupt it, but only for reasons of maternity, child rearing, illness, or health-related family responsibilities. During the deferral period, you are expected to devote your full time to the activity for which you were granted the deferment. For more information, see the NSERC *Award Holder's Guide*.

Paid parental leave

If you hold a PGS, PDF or IPS award, and if your university provides parental leave, you may be eligible to apply for a parental leave supplement from NSERC. This supplement may be obtained within six months after the child's birth or adoption, and will be paid at the current stipend level for up to four months. Additional information is included in the NSERC *Award Holder's Guide*.

Privacy issues

NSERC protects the information and material that it receives from you. For information on privacy and confidentiality issues, see the *Access to Information Act* and the *Privacy Act (ATIP)*.

Who owns the rights to intellectual property from research?

NSERC does not retain or claim any ownership of, or exploitation rights to, the intellectual property resulting from your NSERC funding. However, since NSERC's role includes promoting the use of knowledge to build a strong national economy and improve the quality of life of Canadians, every effort should be made to have the results of NSERC-funded research exploited in Canada, for the benefit of Canadians. If you are working with an industrial partner, you are encouraged to discuss intellectual property rights with the industrial organization.

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Undergraduate

Use Form 202

Who should read this?

You should read this if you are an **undergraduate student** undertaking a university degree in the natural sciences or engineering. The information and types of awards outlined here are relevant only to undergraduate students.

Undergraduate Student Research Awards (USRA) in Universities

These awards are meant to stimulate your interest in research in the natural sciences and engineering. They are also meant to encourage you to undertake graduate studies and pursue a research career in these fields. If you would like to gain research experience in an academic setting, these awards can provide you with financial support through your host university. Qualified Aboriginal students who are interested in the program are encouraged to apply (for more information, contact NSERC).

Undergraduate Student Research Awards (USRA) in Industry

These awards are meant to stimulate your interest in research in the natural sciences and engineering in an industrial setting. They are also meant to encourage you to undertake graduate studies and pursue a research career in these fields. Qualified Aboriginal students who are interested in the program are encouraged to apply (for more information, contact NSERC).

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Undergraduate Student Research Awards (USRA) in Universities

Value	Application Deadline	How to apply
$4,000 plus university contribution	Set by university	Form 202
Program Contacts		

What are these awards for?

These awards are meant to stimulate your interest in research in the natural sciences and engineering. They are also meant to encourage you to undertake graduate studies and pursue a research career in these fields. If you would like to gain research experience in an academic setting, these awards can provide you with financial support through your host university. Qualified Aboriginal students who are interested in the program are encouraged to apply (for more information, contact NSERC).

Are you eligible for an award?

To be eligible to **apply** for an award, you must:

- be a Canadian citizen or permanent resident of Canada;
- be registered (at the time you apply) as a full-time student in a bachelor's degree program in the natural sciences or engineering at an eligible university; and
- have obtained, over the previous years of study, a cumulative average of at least second class (a grade of "B") as defined by your university.

In addition...

- If you already hold a bachelor's degree and are studying towards a second bachelor's degree in the natural sciences or engineering, you may still apply to this program.
- You may hold only **one** USRA per fiscal year (April 1 to March 31).
- You may hold a maximum of **three** USRAs throughout your university career.

To **hold** an award, you must:

- have completed all the course requirements of at least the first year of university study (or two academic terms) of your bachelor's degree;
- **not** have started a program of graduate studies; and
- be engaged on a full-time basis in research and development activities in the natural sciences or engineering during tenure of the award.

Note
You may hold an award in the term immediately following the completion of all requirements of your undergraduate program.

Who is not eligible?

You are **not** considered eligible for an undergraduate student research award if:

- you are currently enrolled in an undergraduate professional degree program in the health sciences (e.g., M.D., D.D.S., B.Sc.N.); or
- you hold higher degrees in the natural sciences or engineering.

Value of awards

- These awards have a value of $4,000.
- Universities are required to supplement the amount of the award by at **least 25%** of its value using other sources such as university funds, NSERC grants, or any other research funds. Universities may also provide fringe benefits.
- A travel allowance may also be granted if you take up the award at a university other than the one at which you are currently registered (see Travel allowances for more information).

NSERC will not reimburse the university for any period during which you worked part-time. No payment will be approved for any vacation leave you take during tenure of the award.

Duration of awards

- The normal duration of the award is **16** consecutive weeks.
- Under exceptional circumstances, NSERC **may** make awards for periods of less than **16** weeks.
- You can hold an award at any time during the year as permitted by your academic program.
- Tenure may start on a date acceptable to both you and your host institution.

Where can you hold your award?

An undergraduate student research award is tenable at any eligible Canadian university. Once NSERC has approved your award for tenure at one particular institution, you **may not** transfer it to another institution.

You must work under the supervision of a faculty member who holds an active NSERC research grant (e.g., research, strategic, research partnerships), either at the time you submit the application or when you hold the award.

How do you apply?

To apply for these awards, you must complete Form 202, Application for an Undergraduate Student Research Award. Send the application, along with your official transcripts, to the proposed supervisor at the university at which you would like to hold your award.

How are students selected for awards?

NSERC allocates a quota of awards to each eligible university and delegates the selection process to the university — all application and review processes are internal to the institution. It is the university's responsibility to establish its own selection criteria within the broad guidelines that NSERC provides. When selecting students for awards, the university will assess the merit of each application on the basis of the student's academic record and research aptitude. In doing this, it will take into account the objectives of the USRA program.

Application deadlines

Each eligible institution sets its own deadline dates for receiving applications. For information about these dates, contact the university to which you are applying.

Although awards may be held in either the summer, fall or winter term, each university will determine the number of selection processes it will hold each year.

Award decisions

Each university will inform applicants of its award decisions after it has completed its selection procedure. To find out if you have received an award, contact your proposed supervisor.

Payment of awards

You will receive your payment from the university. NSERC will pay its contribution directly to the

university.

The university will issue payments to you for the total value of the award in accordance with its pay procedures. It will also issue a T4 or T4A slip (Statement of Income) to you at the end of the calendar year.

Travel allowances

NSERC may approve a travel allowance for the actual costs you incur to get to your host university if it is different from the one you are attending at the time of the award. The maximum allowance is an amount equivalent to economy air fare between the cities where the universities are located.

In addition...

- NSERC will pay the return travel costs **only** if the actual period of tenure is 12 weeks or more.
- NSERC will not provide a travel allowance for your spouse or children.
- This allowance is not designed to offset your daily commuting costs to and from the host university.
- NSERC will provide a $50 allowance for ground-transportation costs to and from your residence and your point of departure (e.g., airport, train station, bus station).
- NSERC will not provide an allowance for the cost of transporting excess baggage or removing household effects.

To request a travel allowance, apply to your host university upon arrival.

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Undergraduate Student Research Awards (USRA) in Industry

Value	Application Deadline	How to Apply
$4,000 plus company contribution	None	Form 202
Program Contacts		

What are these awards for?

These awards are meant to stimulate your interest in research in the natural sciences and engineering in an industrial setting. They are also meant to encourage you to undertake graduate studies, and to pursue a research career in these fields. Qualified Aboriginal students who are interested in the program are encouraged to apply (for more information, contact NSERC).

Are you eligible for an award?

To be eligible to **apply** for an award, you must:

- be a Canadian citizen or permanent resident of Canada;
- be registered (at the time you apply) as a full-time student in a bachelor's degree program in the natural sciences or engineering at an eligible institution; and
- have obtained, over the previous years of study, a cumulative average of at least second class (a grade of "B") as defined by your university.

In addition...

- If you already hold a bachelor's degree and are studying towards a second bachelor's degree in the natural sciences or engineering, you may still apply to this program.
- You may hold only **one** USRA per fiscal year (April 1 to March 31).
- You may hold a maximum of **three** USRAs throughout your university career.

To **hold** an award, you must:

- have completed all the course requirements of at least the first year of university study (or two academic terms) of your bachelor's degree;
- **not** have started a program of graduate studies; and
- be employed full-time in research and development activities in the natural sciences or engineering during tenure of the award.

Note
You may hold an award in the term immediately following the completion of all requirements of your undergraduate program.

Who is not eligible?

You are **not** considered eligible for an undergraduate student research award if:

- you are currently enrolled in an undergraduate professional degree program in the health sciences (e.g., M.D., D.D.S., B.Sc.N.); or
- you hold higher degrees in the natural sciences or engineering.

Value of awards

- These awards have a maximum value of $4,000 (paid out at $250 a week for a maximum of 16 weeks).
- Companies are required to supplement the award by **at least 25%** of its value. The company will be responsible for supplements to the weekly value and fringe benefits (if applicable).
- NSERC's contribution is paid directly to the host company and is included in the salary it offers you.
- A travel allowance may also be granted (see Travel allowances for more information).

NSERC will not reimburse the company for any period during which you worked part-time. No payment will be approved for any holidays you take during tenure of the award.

Your status at your host company

For the duration of the award, you will be an employee of the host company. Your activities will be governed by the terms and conditions of employment of regular employees engaged in similar work, and by any other conditions the company may impose.

Duration of awards

- The normal duration of the award is **16** consecutive weeks.
- NSERC will not grant an award for periods of less than **12** consecutive weeks.
- You can hold an award at any time during the year as permitted by your academic program.
- Tenure may start on a date acceptable to both you and your host company.

Where can you hold your award?

Industrial undergraduate student research awards are tenable only in the R&D facilities of eligible industrial organizations in Canada. Organizations wishing to participate in this program must meet NSERC's eligibility criteria (see the following section, Is your host company eligible?). A list of eligible industrial organizations is available from the scholarship liaison officer in Canadian universities, or see NSERC's list of eligible companies.

Please note, however, that this list of companies is not exhaustive and other companies may be eligible. If the proposed collaborating company is **not** on the list of eligible companies, you should consult with NSERC before proceeding with the application.

Is your host company eligible?

To participate in the NSERC Industrial Undergraduate Student Research Award program, an industrial organization must:

- be either federally or provincially incorporated in Canada (companies that have not been incorporated may be considered if they are wholly Canadian-owned);
- be engaged in R&D activities; and
- operate on a for-profit basis (government-owned companies will be considered provided they operate as regular for-profit enterprises, or on a cost-recovery basis; universities and other non-profit institutions that receive a significant portion of their operating budget from public funds are not eligible).

How do you apply?

You may apply for these awards at one or more of the eligible companies of your choice. Send the application to the proposed company of tenure.

The complete nomination to be submitted by the company must include the following:

To be provided by the student:

- the duly completed Form 202, Part I, Application for an Undergraduate Student Research Award; and
- official academic transcripts with the Grade Point Average (GPA) indicated.

To be provided by the company:

- the duly completed Form 202, Part II;
- a description of the benefits to be derived by the student from the research experience and exposure to an industrial environment;
- information on the company, if necessary, to establish eligibility for the program;*
- a description of the research facilities to which the student will have access, as well as the location of these facilities;* and
- written confirmation that the company possesses sufficient funds to pay the student (i.e., minimum of $5,000 for a 16-week work term).*

* Not required from companies already on NSERC's list of eligible companies.

There is no guarantee, however, that the company's eligibility will be approved. NSERC will not consider incomplete applications or those that are missing transcripts.

How are students selected for awards?

Companies will select their candidates on the basis of information that may be available from interviews and other sources. A limited number of awards are available. NSERC will support up to 10 students per eligible company, per fiscal year (April 1 to March 31). Awards will be given on a first-come, first-served basis, subject to fulfilment of the eligibility conditions for these awards, and subject to availability. Companies will inform applicants whose applications they did not forward to NSERC.

Application deadlines

There is no deadline for submitting your application to this program. However, for administrative purposes, NSERC should receive applications from the company at least **three weeks** before the scheduled start date of the work term.

If you have already started your work term with a company **before** NSERC has notified you of the decision, there is no guarantee that your application will be successful. NSERC may still reject your application based on eligibility criteria or availability of awards.

Award decisions

NSERC will inform students and companies of its decision, generally within one month of the day it receives the application.

Confidentiality

NSERC is committed to maintaining the strict confidentiality of information submitted in the application form and of company information, especially as it relates to proprietary information.

However, the student's name, the name of the company, and the general field of research are considered public information and may be released by NSERC.

Title to research results

The host company will retain all titles and rights to the results of your work. The company's patent policies will apply to any patentable inventions and developments resulting from your work.

Final report

At the end of tenure of the award, the company and the student must each submit a final report. The report should include:

- a brief description of the objectives of the research as originally proposed;
- a summary of the progress and results in achieving those objectives;
- an evaluation of your experience with the USRA program, including a brief explanation of

any problems encountered and how the student has obtained a better understanding of industrial research.

Payment of awards

As a student, you will receive your award payments directly from your host company. Companies will issue payments to you for the total value of the award in accordance with their pay procedures. They will also issue a T4 or T4A slip (Statement of Income) to you at the end of the calendar year.

NSERC will reimburse its contribution to the company at the end of the work period, following **receipt of the company's final report.**

Travel allowances

NSERC may approve a travel allowance for the actual costs you incur to get to your host company's work location. The maximum allowance is an amount equivalent to economy air fare between the university at which you are registered and the company.

In addition...

- NSERC will pay the return travel costs **only** if the actual period of tenure is 12 weeks or more.
- NSERC will not provide a travel allowance for your spouse or children.
- This allowance is not designed to offset your daily commuting costs to and from the company.
- NSERC will provide a $50 allowance for ground-transportation costs to and from your residence and your point of departure (e.g., airport, train station, bus station).
- NSERC will not provide an allowance for the cost of transporting excess baggage or removing household effects.

To apply for a travel allowance, complete the travel claim form provided with your award letter. Send it along with your original receipts to the Finance Division at NSERC.

NSERC CRSNG **Program Guide**

Postgraduate

Use Form 200

Who should read this?

You should read this if you are interested in obtaining financial support for studies in a master's or doctoral program. The information and types of awards outlined here are relevant only to graduate students, or those considering graduate studies within the next year.

Postgraduate Scholarships

Postgraduate scholarships provide financial support to high-calibre scholars who are engaged in master's or doctoral programs in the natural sciences or engineering. This support allows these scholars to fully concentrate on their studies and to seek out the best research mentors in their chosen fields. Qualified Aboriginal students who are interested in the program are encouraged to apply.

Postgraduate Supplements

- 5NR Science for Sustainable Development Postgraduate Scholarship Supplements
- British Chevening/Athlone-Vanier Engineering Fellowship Supplement
- Canadian Forest Service Graduate Supplements
- Canadian Meteorological and Oceanographic Society Scholarship Supplement
- Canadian Space Agency Postgraduate Scholarship Supplements
  - In Space Science
  - In Space Technology
- Defence Research and Development Canada Postgraduate Scholarship Supplements
- Department of Fisheries and Oceans Canada (DFO) Postgraduate Scholarship Supplements
- GEOIDE Postgraduate Supplements
- Gordon M. MacNabb Scholarship Foundation Supplements
- iCORE Postgraduate Supplements
- Industry Canada Fessenden Postgraduate Scholarships
- Meteorological Service of Canada Graduate Supplements
- Northern Research Postgraduate Scholarship Supplements
- NRCan Earth Sciences Sector Postgraduate Scholarship Supplements
- Systematics Research Graduate Supplements

Industrial Postgraduate Scholarships

Industrial Postgraduate Scholarships provide financial support for highly qualified science and engineering graduates. The support allows them to gain research experience in industry while undertaking advanced studies in Canada. These scholarships are aimed at encouraging scholars to consider research careers in industry where they will be able to contribute to strengthening Canadian innovation.

NSERC CRSNG **Program Guide**

Postgraduate Scholarships

	Value	Application Deadline		How to Apply
		Applicants applying through a university	Applicants applying **directly** to NSERC	
PGS A	$17,300 a year (for two years)	Set by university	November 15	Form 200
PGS B	$19,100 a year (for two years)	Set by university	November 15	Form 200

Program Contacts

What kind of support do these scholarships provide?

Postgraduate scholarships provide financial support to high-calibre scholars who are engaged in master's or doctoral programs in the natural sciences or engineering. This support allows these scholars to fully concentrate on their studies and to seek out the best research mentors in their chosen fields. Qualified Aboriginal students who are interested in the program are encouraged to apply.

Since total NSERC scholarship support is limited to a maximum of four years full-time equivalent, scholars are encouraged to complete their studies in an expeditious manner.

Are you eligible for scholarship support?

To be considered eligible for support, as of the application deadline date, you must:

- be a Canadian citizen, or a permanent resident of Canada;
- hold, or expect to hold (at the time you take up the award), a degree in science or engineering from a university whose standing is acceptable to NSERC; and
- intend to pursue in the following year full-time graduate studies and research at the master's or doctoral level in one of the areas of the natural sciences and engineering supported by NSERC.

Postgraduate scholarship support is available to those who are restricted to part-time studies for reasons of disability, or family responsibility.

- For purposes of holding an award part-time, *disability* is defined as: "a functional limitation resulting from a physical, sensory, or mental impairment, which, for an indefinite period, affects the ability of the student to perform the activities necessary to participate fully in his or her learning."
- For purposes of holding an award part-time, *family responsibility* is defined as: "the primary responsibility for providing personal care to a dependent family member, e.g., pre-school age children, infirm spouse or parent, which affects the ability of the student to perform the activities necessary to participate fully in his or her learning."

If you have a degree in a field other than science or engineering, NSERC may accept your application at its discretion. Unless there are exceptional circumstances, you must have obtained a first-class average (a grade of "A") in each of the last two completed years of study. Any exceptions to this requirement must be accompanied by supporting documentation that justifies the submission.

Please note that you are **not** eligible to receive scholarship support while you are in a qualifying year of study.

What categories of scholarships are available?

Postgraduate scholarships are available to you in two categories: **PGS A** and **PGS B**. You can hold only one award in each category.

- **PGS A Value: $17,300 a year**

  Scholarship support is for a maximum duration of 24 months and must be held during either:

  - the **first** and **second** years of graduate study; or

  - the **second** and **third** years of graduate study.

  To hold a PGS A, you must be registered full-time in a **master's** or **doctoral** program at an eligible university.

  PGS A support will not extend beyond the 28th month of your master's program. If you are a successful applicant and if you have completed more than 4 months full-time equivalent in a master's program at the time you take up your award, the normal 24-month duration of the award will be decreased by the number of months in excess of 4 that have been completed at that time. However, if, within the 28 months, you transfer to a doctoral program or complete your master's and continue directly into a doctoral program, you will receive the full 24 months of scholarship support.

  To be **eligible to apply**, you must have completed, as of December 1 of the year of application, no more than the full-time equivalent of **12 months** of graduate studies in a field of research that NSERC supports. NSERC will count two sessions of part-time study as one session of full-time study.

  You may be:

  - in the last year of your undergraduate degree program (i.e., less than 12 months away from completing all your degree requirements);

  - in a qualifying year of graduate studies;

  - in the first year of a graduate program; or

  - not attending university.

- **PGS B Value: $19,100 a year**

  Scholarship support is for a maximum duration of 24 months and must be held during either:

  - the **third** and **fourth** years of graduate study; or

  - the **fourth** and **fifth** years of graduate study.

  To hold a PGS B, you must be registered full-time in a **doctoral** program at an eligible university.

  To be **eligible to apply**, you must have completed, as of December 1 of the year of application, no less than the full-time equivalent of **13 months**, and no more than the full-time equivalent of **36 months**, of graduate studies (including both master's and doctoral studies) in a field of research that NSERC supports. NSERC will count two sessions of part-time study as one session of full-time study.

  You may be:

  - in the **second** or **third** year of graduate studies; or

- not attending university.

Any time spent in graduate studies in overlapping fields (as explained in the section Information for Applicants) that you have completed at the time you submit your NSERC application will usually be counted in determining eligibility. This will be the case even if another council supported you during this period of study.

For eligible part-time students, the stipend will be the equivalent of a full-time award spread over a longer period of time, e.g., $8,650 (PGSA) or $9,550 (PGSB) per year for a maximum duration of four years. All other PGS regulations will apply.

How do you apply for a scholarship?

There are **two** ways to apply:

- through a Canadian university; or
- directly to NSERC.

How you apply depends on your status at the application deadline date. The table below presents various possibilities, then shows you where to submit your application; this table does not, however, display all the possibilities. If you are unsure about how you should apply, contact NSERC.

Your status	**Submit your application**
You are currently registered as a **full-time** or **part-time** undergraduate or graduate student in an NSERC-supported field* at...	
...a Canadian university	...to the Canadian university that you are attending
...a foreign university	...directly to NSERC
You are **not** currently attending university but you last attended...	
...a Canadian university **less** than 12 months ago while registered in a degree program	...to the Canadian university at which you were last registered in a degree program
...a Canadian university **more** than 12 months ago	...directly to NSERC
...a foreign university	...directly to NSERC

**** If you are currently registered in a non-NSERC supported field, please contact NSERC to determine how you should apply.***

To apply for these scholarships, you must complete Form 200, Application for an NSERC Scholarship or Fellowship.

Application deadlines

There are three different application deadlines to keep in mind.

Department deadline

If you are applying through your university, there is an internal deadline that your department sets for receiving applications. It is the **earliest** of the deadlines since the department must review applications before passing them along.

If you are applying **directly** to NSERC, remember that the department of your current or former university must still complete part of the application, so you must meet the departmental deadline.

University deadline

The next deadline is the date when the university Faculty (School) of Graduate Studies must receive your application. The university will review all applications received from the departments, rank them, and then send recommended applications to NSERC. For more information about department and university application deadlines, contact your current or former department or the Faculty (School) of Graduate Studies.

NSERC deadline

NSERC must receive **all** university applications by November 24 of each year. If you are applying **directly** to NSERC, your application must be received at NSERC by November 15.

The Council will not accept your application after the applicable deadline.

Review procedures

University review

The NSERC scholarship liaison officer at each university is responsible for coordinating NSERC scholarship applications that are subject to review by a local university committee. The committee ranks each PGS A and PGS B application within one of the following six broad discipline categories:

- engineering;
- computing and mathematical sciences;
- physics and chemistry;
- earth sciences and ecology;
- cellular and molecular biology; and
- life sciences and psychology.

The university then submits to NSERC lists of the ranked applicants it recommends for a scholarship. Each university is assigned an overall quota of PGS applications that it may forward to NSERC. It is up to each university to decide how it will distribute the quota (i) between PGS A and PGS B applicants; and (ii) among the six categories listed above.

NSERC review

NSERC scholarships and fellowships selection committees review all applications they receive (sent either directly to NSERC or through the university review process). The committees recommend scholarships for the applicants they consider to have the best qualifications, according to the selection criteria described in the following section and within the limit of available awards.

Selection criteria

Applicants for postgraduate scholarships are evaluated and selected according to the criteria in the following categories:

- **Academic excellence:**
  - academic record;
  - scholarships and awards held; and
  - duration of previous studies.

- **Research ability or potential:**
  - quality of contributions to research and development;
  - relevance of work experience and academic training to field of proposed research;
  - significance, feasibility, and merit of proposed research, and justification for location of tenure;
  - ability to think critically;
  - ability to apply skills and knowledge;

- judgement;
- originality;
- initiative and autonomy;
- enthusiasm for research; and
- determination and ability to complete projects within an appropriate period of time.

- **Communication skills:**
  The ability or potential to communicate scientific concepts clearly and logically in written and oral formats. For example, this could include:
  - quality of the application's presentation;
  - participation in preparing publications; and
  - awards for oral presentations or papers.

- **Interpersonal and leadership abilities:**
  Professional and relevant extracurricular interactions and collaborations. For example, this could include:
  - mentoring;
  - teaching;
  - supervisory experience;
  - project management;
  - chairing committees;
  - organizing conferences and meetings; and
  - elected positions held.

Selection Criteria Weightings		
	PGS A %	PGS B %
Academic excellence	50	30
Research ability or potential	30	50
Communication skills	10	10
Interpersonal and leadership abilities	10	10

Notification of decision

NSERC announces all scholarships in March and notifies applicants whose applications were submitted to NSERC of the results in writing. NSERC will not provide results by telephone. You can also get the results from the Faculty (School) of Graduate Studies at your university.

Successful applicants will receive a notice of award and a copy of the NSERC *Award Holder's Guide*. This publication provides instructions for obtaining payment as well as information concerning the regulations pertaining to your award.

NSERC will publish the names (and other basic award information) of scholarship recipients on its Web site. For more information, refer to the *Access to Information Act* and the *Privacy Act*.

To hold an award...

You must:

- have been unconditionally accepted into a recognized graduate studies degree program in a field supported by NSERC;
- be registered full-time or part-time (provided you meet the eligibility conditions for part-time studies) and progressing satisfactorily in a graduate studies program at an eligible university; and
- agree to have your university administer your award if you hold your PGS award at a Canadian university.

Where can you hold your scholarship?

a. **In Canada**

NSERC usually awards postgraduate scholarships to students for tenure in Canadian universities.

b. **Outside Canada**

Each year, NSERC approves a **limited number of scholarships on a competitive basis** for tenure at universities outside Canada. The selection committees take into consideration:

i) the need to pursue graduate studies abroad due to the unavailability of a suitable **program** of research or the required facilities at a Canadian university (the availability of the program will be considered, not simply whether or not the specific thesis *project* can be carried out in Canada);

ii) the benefits to the applicant of studying abroad (e.g., unique opportunity to train in a world-class laboratory) and the relative excellence of the applicant in relation to competing applicants.

Since each committee has only a limited number of scholarships that it can award for tenure at a foreign university, the committee will consider, and rate accordingly, the relative merit of each justification and situation presented. In this regard, justifications based on program unavailability, as described in (i) above, will be given priority.

Applicants already studying at a foreign university at the time of application will not be considered more favourably for foreign tenure on this basis alone.

NSERC will consider a request for tenure abroad only if you submit certain supporting documents (see the instructions on Form 200) at the time of application.

If NSERC does not approve your request for tenure abroad, but considers you deserving of a scholarship, it will offer you a scholarship tenable in Canada. If you have permanent residence status, NSERC will consider your request for tenure abroad only if you have received a degree in science or engineering from a Canadian university.

If NSERC has awarded you a scholarship for tenure in Canada, the scholarship cannot subsequently be approved for tenure abroad.

Start date

If you have already begun the program of studies for which funding was awarded, you must take up your award on the first day of the May or September academic term following the announcement of the results.

If you have not yet begun the program of studies for which funding was awarded, you may take up your award on the first day of the May, September or January academic term following the announcement of the results.

If you anticipate that you will not be able to complete your degree requirements by January 1, you must decline the award. However, you may apply again in the following competition as long as you remain eligible.

Can you defer your scholarship?

You may defer a postgraduate scholarship for up to three years before you take it up, but only for reasons of maternity, child rearing, illness, or health-related family responsibilities. NSERC approves requests for deferment on a case-by-case basis.

NSERC CRSNG **Program Guide**

Postgraduate Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

If you would like to apply for a postgraduate scholarship (PGS) supplement, you should read the following sections to see what types of supplements are available and to determine if you are eligible. In these sections, you will also find information on supplement values, how to apply, contact information, and selection criteria.

If you are eligible for a particular supplement and would like to apply, complete the Consent section in Appendix 3 of Form 200, Application for an NSERC Scholarship or Fellowship.

Supplement	Field of Study	$ Value	No. of years	IPS Elig.
5NR Science for Sustainable Development Postgraduate Scholarship Supplements	Sustainable Development	$4,500	1	No
British Chevening/Athlone-Vanier Engineering Fellowship Supplement	Engineering in the UK	$ varies	1	No
Canadian Forest Service Graduate Supplements	Foresty or related subjects	$5,000	2	Yes
Canadian Meteorological and Oceanographic Society Scholarship Supplement	Atmospheric and oceanographic sciences	$5,000	2	No
Canadian Space Agency Postgraduate Scholarship Supplements – In Space Science	Space Science	1/3 NSERC award	2	No
Canadian Space Agency Postgraduate Scholarship Supplements – In Space Technology	Space technology or related subjects	1/3 NSERC award	2	No
Defence Research and Development Canada Postgraduate Scholarship Supplements	Defence-related subjects	$5,000	2	Yes
Department of Fisheries and Oceans Canada (DFO) Postgraduate Scholarship Supplements	Fisheries, Marine and Aquatic Science	$7,500	1	No
GEOIDE Postgraduate Supplements	Geomatics	$5,000	1	No
Gordon M. MacNabb Scholarship Foundation Supplements	Intelligent systems	$5,000	2	Yes
iCORE Postgraduate Supplements	Information and communications technology	PGS-A – $12,000 per year for two years. PGS-B – $15,000 per year for two years.	2	No
Industry Canada Fessenden Postgraduate Scholarships	Radio sciences or communications	$5,000	2	No
Meteorological Service of Canada Graduate Supplements	Atmospheric and Meteorological Sciences	$5,000	2	No
Northern Research Postgraduate Scholarship Supplements	Northern Research	$5,000	2	Yes

NRCan Earth Sciences Sector Postgraduate Scholarship Supplements	Earth sciences	$4,000	2	Yes
Systematics Research Graduate Supplements	Systematics-related subjects	$5,000	2	Yes

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5NR* Science for Sustainable Development Postgraduate Scholarship Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to apply
$4,500/1 year	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the 5NR Science for Sustainable Development Postgraduate Scholarship Supplement is to:

- encourage and support postgraduate students with outstanding academic records to carry out science research in support of sustainable development;
- foster postgraduate interest in environment-related sciences; and
- strengthen links between federal government scientists and university researchers.

Are you eligible to hold a supplement?

At the time you apply for the scholarship supplement, you must be enrolled or planning to enroll in a natural or environment-related science postgraduate program where you are or will be working on a research project that focusses on science in support of sustainable development.

In addition, you must submit a brief description (500 words) of your research project at the time of application. The description should specify how the research project relates to and helps advance sustainable development.

What kind of support does this supplement provide?

This supplement provides financial support to high-calibre postgraduate students who have enrolled or plan to enroll in a natural or environment-related science program and are working on a research project related to sustainable development.

Value of supplement

If you are a successful applicant, the 5NR will give you a scholarship supplement of $4,500. 5NR supplements are non-renewable.

Review procedures

NSERC will forward the appropriate applications to the 5NR. A 5NR review committee will assess the applications and select those which are the most qualified.

Notification of decision

The 5NR will choose the successful applicants and announce the results of the competition. If you are a successful applicant, you will be informed of the results and be invited to 5NR-sponsored award giving ceremonies to be held throughout 2001.

Payment

The 5NR, through the Department of Fisheries and Oceans, is responsible for releasing the scholarship supplement.

Please address inquiries to:

Anne Gabriel
Program Coordinator
5NR Communications Group
930 Carling Avenue, 7th Floor, Room 743
Ottawa, Ontario K1A 0C5
Tel: (613) 759-7033
Facsimile: (613) 759-7768
E-mail: gabriela@em.agr.ca

*The 5NR is a group formed by five federal departments dealing with natural resources – Agriculture and Agri-Food Canada, Environment Canada, Fisheries and Oceans Canada, Health Canada and Natural Resources Canada – to promote science in support of the advancement of sustainable development in Canada. The 5NR Science for Sustainable Development Postgraduate Scholarship Supplements' aim is to encourage and support researchers who will play a leading role in the future of science applied to sustainable development.

NSERC CRSNG **Program Guide**

British Chevening/Athlone-Vanier Engineering Fellowship Supplement

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
Amount Varies	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the British Chevening/Athlone-Vanier Engineering Fellowship Supplement is to encourage academic excellence, and promote qualities of initiative, creativity, and leadership by:

- giving young engineers the opportunity to develop new technical expertise in engineering in the United Kingdom;
- providing the Canadian engineering market with an additional source of exceptional engineers to meet the growing challenge of international competitiveness; and
- offering a select group of young engineers the opportunity to live, train, and study in the United Kingdom.

Are you eligible to hold a supplement?

To be eligible to hold a supplement, you must be awarded a PGS A and be accepted in a graduate engineering program of studies in the United Kingdom.

What kind of support does this supplement provide?

This supplement offers a maximum of 12 months of scholarship support to an engineering student undertaking graduate study in the United Kingdom.

The supplement is awarded for the first year of the two-year NSERC scholarship. You cannot defer the supplement and it is not renewable. You are expected to devote all your academic time to the study program for which you received the supplement.

Value of supplement

The British Foreign and Commonwealth Office will add the scholarship supplement to the basic scholarship that NSERC provides. The value of the supplement will vary depending on tuition and transportation costs, and location. It will not, however, exceed the annual value of the scholarship that NSERC provides. The supplement is intended to:

- defray the greater part of the cost of tuition fees;
- cover transport costs to and from the United Kingdom; and
- provide a monthly stipend.

The award includes a travel allowance from your place of residence in Canada to the place of tenure in the United Kingdom. There is no travel allowance for a spouse and/or children. There is no allowance for the cost of transporting excess baggage or removing or storing household effects.

If you are the holder of the supplement, you will automatically be allowed to hold the NSERC scholarship in the United Kingdom. The supplement is conditional on the availability of funds.

How do you apply?

You must indicate on your NSERC application the university in the United Kingdom you would like to attend. You must also apply for admission to this university.

Selection criteria and review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to the British High Commission for further consideration.

A multidisciplinary selection committee – including representatives from various engineering fields, from the British High Commission/British Council, and the Athlone-Vanier Engineering Fellowships Corporation – will be established. The committee will review the applications submitted and recommend the applicant it considers to have the best qualifications.

The review committee will consider these factors:

- the applicant's academic excellence;
- the applicant's leadership and management potential;
- the originality and merit of the program of study; and
- involvement in extracurricular activities while in university and/or involvement in technical, scientific, professional, or cultural societies, or other organizations.

All engineering disciplines are eligible but preferential consideration may occasionally be given to certain fields of graduate study to meet specific Canadian needs.

Notification of decision

The British High Commission will announce the result of the competition and the name of the supplement recipient by the middle or end of April.

If you are the supplement recipient, the British High Commission will send you a formal scholarship letter. You must take up the scholarship by the middle of October following the scholarship announcement.

Payment

The British Council is responsible for administration of this award and of the 1st year of the NSERC PGSA.

For more information about this scholarship supplement, please contact:

The British Council
80 Elgin Street
Ottawa, Ontario K1A 0B7
Telephone: (613) 237-1530
Facsimile: (613) 569-1478

The British Chevening/Athlone-Vanier Engineering Fellowship Supplement

Under the original Athlone Fellowship Scheme, which operated between Canada and the United Kingdom for a period of 20 years up to 1972, more than 800 young Canadian engineers pursued postgraduate studies or industrial training in Great Britain. These engineers (the "Athlones") consider that the scheme was of substantial benefit to their careers and feel that similar benefits should again be made available to young engineers in Canada.

With the active collaboration of The Engineering Institute of Canada and of the British Foreign and Commonwealth Office, a group of Athlones established in 1989 a new program, known as **The Athlone-Vanier Engineering Fellowships/Bourses en Ingénierie Athlone-Vanier**. The new organization was incorporated under the above names on April 26, 1989, by letters patent under the *Canada Corporation Act*.

In 1996, the Athlone-Vanier Engineering Fellowships Corporation entered into an agreement with NSERC and the British Foreign and Commonwealth Office for the financing and management of an annual British Chevening/Athlone-Vanier Engineering Fellowship Supplement.

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Canadian Forest Service Graduate Supplements

This supplement is available to you only if you are awarded a PGS (or IPS , if applicable).

Value	Application Deadline	How to apply
$5,000/1 or 2 years	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the Canadian Forest Service (CFS) Graduate Supplements is to:

- promote graduate research in forestry in Canada;
- encourage and support graduate students to carry out all, or part, of their research at national centres; and
- increase contacts between CFS research scientists and Canadian universities.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be studying or planning to study in a forestry faculty or in another faculty where you are/will be working on a research project directly related to forestry such as: tree physiology, environmental science, plant ecology, entomology, or remote sensing.

In addition, a CFS research scientist must be on your supervisory committee, and you must carry out all or part of your research in conjunction with one of the CFS's five lead centres:

- Atlantic Forestry Centre (Fredericton)
- Laurentian Forestry Centre (Sainte-Foy)
- Great Lakes Forestry Centre (Sault Ste. Marie)
- Northern Forestry Centre (Edmonton)
- Pacific Forestry Centre (Victoria)

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre students working towards master's or doctoral degrees in forestry or related fields. The CFS offers a maximum of **twenty** supplements annually.

Value of supplement

If you are a successful applicant, in addition to NSERC's scholarship, the CFS will give you a scholarship supplement of $5,000 a year. The supplement may be renewable each year for as long as you hold an NSERC postgraduate scholarship.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to the CFS. In addition, the CFS may also obtain applications of additional NSERC scholarship recipients from other sources for consideration for its supplement program.

If the number of applicants is greater than the number of available supplements, a special CFS committee will review the applications. The committee will then recommend the eligible applicants it considers to have the best qualifications.

Notification of decision

The CFS will choose the successful applicants and announce the results by the middle or end of May.

Payment

The CFS is responsible for releasing the scholarship supplement. It must also ensure that the recipient of the supplement continues to hold an NSERC postgraduate scholarship, and meets the other requirements of the CFS graduate supplements.

For more information about this scholarship supplement, contact:

Canadian Forest Service Graduate Supplements
Federal Partnerships Division
Science Branch
Natural Resources Canada
580 Booth Street
Ottawa, Ontario K1A 0E4
Telephone: (613) 947-8997
Facsimile: (613) 947-9090
E-mail: jkarau@nrcan.gc.ca
Web site: www.nrcan.gc.ca/cfs

NSERC CRSNG **Program Guide**

Canadian Meteorological and Oceanographic Society Scholarship Supplement

This supplement is available to you only if you are awarded a PGS (or IPS , if applicable).

Value	Application Deadline	How to apply
$5,000/1 year	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

This supplement is co-funded by the Canadian Meteorological and Oceanographic Society (CMOS) and Weather Research House (a CMOS-accredited private consulting company). The purpose of the supplement is to foster graduate research in atmospheric and oceanographic sciences in Canada.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be studying or planning to study atmospheric or oceanographic sciences in a recognized program.

What kind of support does this supplement provide?

This supplement provides support to a high-calibre student who is working towards a master's or doctoral degree in atmospheric or oceanographic sciences. CMOS awards one supplement each year.

Value of supplement

If you are the successful applicant, CMOS will supplement your NSERC scholarship by $5,000 for one year. However, to continue to receive the supplement, you must continue to hold an NSERC postgraduate scholarship.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send successful applications to CMOS. A special committee will review the applications that NSERC submits to CMOS, and will recommend the eligible applicant it considers to have the best qualifications.

Notification of decision

CMOS will choose the successful applicant and announce the results at its Annual Congress in May-June. CMOS will contact the successful applicant before the congress and inform him/her of the results.

Payment

CMOS is responsible for releasing the award supplement. It must also ensure that the recipient of the supplement continues to hold an NSERC postgraduate scholarship.

For more information about this scholarship supplement, contact:

Executive Director
Canadian Meteorological and Oceanographic Society
Suite 112, McDonald Building
150 Louis Pasteur
University of Ottawa
Ottawa, Ontario K1N 6N5

NSERC CRSNG **Program Guide**

Canadian Space Agency Postgraduate Scholarship Supplements

In Space Science

This supplement is available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
1/3 NSERC scholarship	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the Canadian Space Agency (CSA) Postgraduate Scholarship Supplements in Space Science is to:

- foster graduate research in space science in Canada;
- encourage and help students to carry out their research; and
- increase contacts between the CSA and Canadian universities.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be studying or planning to study and carry out a research project in a field directly related to space science. This field could include space environment, atmospheric environment, space astronomy, space exploration, microgravity sciences and space life sciences.

What kind of support do these supplements provide?

Through its Scholarship Supplement in Space Science Program, the CSA provides financial support for high-calibre students working towards a master's or doctoral degree in space science-related fields. The CSA awards up to **six** supplements each year.

Value of supplements

If you are a successful applicant, the CSA will give you an amount equal to one-third of the NSERC scholarship.

How do you apply?

To be considered for this supplement, you must prepare a brief explanation (maximum of 300 words) showing how the proposed research will contribute to the advancement of this field. Send this explanation directly to the CSA (at the address listed below) by the PGS application deadline date.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send successful applications to the CSA.

A special committee will review the applications and recommend the applicants it considers to have the best qualifications.

Notification of decision

After it has chosen the successful applicants, the CSA will contact them within two months after NSERC announces the results of its postgraduate scholarships competition.

Payment

The CSA is responsible for releasing the award supplement.

Please address all documents and inquiries to:

Dr. Alexander M. Jablonski, P.Eng.
Space Science Program
Canadian Space Agency
P.O. Box 7275
Ottawa, Ontario K1L 8E3
Telephone: (613) 990-6218
Facsimile: (613) 952-0970
E-mail: alex.jablonski@space.gc.ca

NSERC CRSNG **Program Guide**

Canadian Space Agency Postgraduate Scholarship Supplements

In Space Technology

This supplement is available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
1/3 NSERC scholarship	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the Canadian Space Agency (CSA) Postgraduate Scholarship Supplements in Space Technology is to:

- foster graduate research in space technology in Canada;
- encourage and help students to carry out all or part of their research in the facilities of the CSA, or other organizations that have collaborative agreements with the CSA; and
- increase contacts between the CSA and Canadian universities.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be studying or planning to study and carry out a research project directly related to space technology. This could include technologies for remote sensing and space communications payloads, robotics, and bus systems.

What kind of support do these supplements provide?

Through its Scholarship Supplement in Space Technology Program, the CSA provides financial support for high-calibre students working towards a master's or doctoral degree in space technology-related fields. The CSA awards up to **fifteen** supplements each year.

Value of supplements

If you are a successful applicant, the CSA will give you an amount equal to one-third of the NSERC scholarship. If you opt to carry out your research at CSA facilities or facilities of an associated organization, the CSA may pay you a travel allowance at its discretion. The allowance is to compensate you for reasonable expenses you incurred in travelling between the university and the host organization.
If you are applying for a travel allowance, you should justify your request to the CSA.

How do you apply?

To be considered for this supplement, you must prepare a brief explanation (maximum of 300 words) showing how the proposed research will contribute to the advancement of this field. Send this explanation directly to the CSA (at the address listed below) by the PGS application deadline date.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send successful applications to the CSA.

A special committee will review the applications and recommend the applicants it considers to have the best qualifications.

Notification of decision

After it has chosen the successful applicants, the CSA will contact them within two months after NSERC announces the results of its postgraduate scholarships competition.

Payment

The CSA is responsible for releasing the award supplement.

Please address all documents and inquiries to:

Program Manager
CSA's Scholarship Supplements
Canadian Space Agency
John H. Chapman Space Centre
Space Technologies
6767, route de l'Aéroport
Saint-Hubert, Québec J3Y 8Y9
Telephone: (450) 926-4615
Facsimile: (450) 926-4651
E-mail: fernand.rheault@space.gc.ca

NSERC CRSNG **Program Guide**

Defence Research and Development Canada Postgraduate Scholarship Supplements

This supplement is available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000/1 year or 2 years	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the Defence Research and Development Canada (DRDC) Postgraduate Scholarship Supplements is to:

- encourage and support graduate students to carry out research of interest to DRDC;
- increase contacts between DRDC researchers and those at Canadian universities; and
- foster graduate training of potential candidates for possible future employment at DRDC.

Are you eligible to hold one of these supplements?

To hold one of these supplements, you must be studying, or planning to study, in a defence-related area.

In addition, you will be required to discuss the progress of your research with a Defence Research Scientist and provide a copy of your thesis following completion of all requirements of your degree program.

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre graduate students who intend to pursue graduate training in a defence-related area. The supplements are part of a scholarship program established and administered by DRDC, which may award **five** new supplements each year.

DRDC may give supplement winners access to research facilities and/or a scientific advisor when feasible.

Value of supplement

If you are a successful applicant, in addition to NSERC's scholarship, DRDC will give you a supplement of $5,000 a year. The supplement is renewable yearly, for as long as you hold your NSERC postgraduate scholarship, and as long as you continue to meet the other requirements of the DRDC Postgraduate Scholarship Supplements Program.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to DRDC.

A special committee will review the applications that NSERC submits to DRDC and will recommend the applicants it considers have the best qualifications.

Notification of decision

DRDC will select and contact the successful applicants and announce the results by June.

Payment

If you are a successful applicant, DRDC is responsible for releasing the scholarship supplement to you, and for ensuring that you continue to hold an NSERC postgraduate scholarship. It must also make sure that you meet the requirements of the DRDC Postgraduate Scholarship Supplements Program.

For more information about this scholarship supplement, contact:

DRDC Postgraduate Scholarship Supplements Program
Department of National Defence
305 Rideau Street
Ottawa, Ontario K1A 0K2
Telephone: (613) 995-5288
Facsimile: (613) 996-4169

NSERC CRSNG **Program Guide**

Department of Fisheries and Oceans Canada (DFO) Postgraduate Scholarship Supplements

This supplement is available to you only if you are awarded a PGS (or IPS , if applicable).

Value	Application Deadline	How to apply
$5,000/1 year or 2 years	Same as PGS	Form 200
Program Contacts		

Purpose of the supplement

The purpose of the Department of Fisheries and Oceans Canada (DFO) Postgraduate Scholarship Supplements is to:

- promote research in fisheries, and in marine and aquatic science in Canada;
- encourage and support graduate students to carry out research of interest to Fisheries and Oceans Canada;
- increase research interactions between DFO and Canadian universities; and
- foster graduate training of potential candidates for future employment with DFO.

Are you eligible to receive a supplement?

At the time you apply for a scholarship supplement, you must be studying or carrying out a research project in fisheries, in marine or aquatic science, or in an information or technology field with direct application to fisheries, or marine or aquatic science.

If you receive a supplement, you may be asked to discuss your research with a DFO scientist or make a presentation at a DFO research facility. Also, DFO may give supplement winners access to DFO research facilities and/or scientific advisors when feasible.

In addition, you must submit a brief description (300 words) of your research specifying how the research project advances knowledge in fisheries, in marine or aquatic science, or in an information field with direct application to fisheries, or marine or aquatic science.

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre students working towards a master's or doctoral degree in fisheries, in marine or aquatic science, or in an information or technology field with direct application to fisheries, or marine or aquatic science. DFO offers up to 20 supplements annually.

Value of supplement

If you are a successful applicant, DFO will supplement your PGS award by $5,000. The supplement will be for one year only; however, it may be renewed subject to performance and future eligibility criteria.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to DFO.

Should the number of applicants exceed the number of available supplements, DFO will review the scholarship and supplement applications and select those that best meet the intent of the Purpose of the supplement, as described above. All selections will be final.

Notification of decision

DFO will select and contact the successful applicants. Supplements will be issued directly from DFO to the successful candidates or their academic institutions.

For more information about this scholarship supplement, please contact:

Dr. Sherry E. H. Niven
Senior Advisor - Science Partnerships
Fisheries and Oceans Canada
Bedford Institute of Oceanography
P.O. Box 1006, Dartmouth, N.S. B2Y 4A2
Telephone: (902) 426-3246
Facsimile: (902) 426-6695
E-mail: nivens@dfo-mpo.gc.ca

NSERC CRSNG **Program Guide**

GEOIDE Postgraduate Supplements

This supplement is available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000 1 year	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The GEOIDE Network of Centres of Excellence Graduate Supplements aim to:

- promote Canadian graduate research in geomatics-related fields;
- encourage and support master's and doctoral candidates to carry out all or part of their research with one or more of GEOIDE's Network Investigators; and
- establish linkages between the graduate students and Canadian industry and other organizations either developing or using geomatics solutions.

Are you eligible to hold one of these supplements?

Applicants must be working towards a master's or doctoral degree in a geomatics-related field in topics of relevance to the **strategic objectives** of the GEOIDE Network and must be supervised by a **GEOIDE Network Investigator**. Applicants must include with their NSERC PGS application written confirmation from the Network Investigator agreeing to supervise the research.

Value of supplements

Five graduate supplements are available annually to NSERC PGS A or PGS B recipients. They are each worth $5,000 for one year.

Review procedures and selection criteria

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to the GEOIDE Network. If the number of applicants is greater than the number of available supplements, the GEOIDE Research Management Committee will select the successful applicants.

Notification of decision

The GEOIDE Network will announce the results at its annual conference, normally in May or June. The successful applicants are expected to attend this conference.

Payment

The GEOIDE Network is responsible for issuing the scholarship supplement. It will also ensure that the recipient of the supplement continues to hold an NSERC postgraduate scholarship, and meets the other requirements of the GEOIDE graduate supplements.

For more information about this scholarship supplement, contact:

Program Coordinator
GEOIDE Graduate Supplements Program
The GEOIDE Network

Casault Pavilion
Laval University
Sainte-Foy, Québec G1K 7P4
Telephone: (418) 656-7758
Facsimile: (418) 656-2611
E-mail: info@geoide.ulaval.ca
Web site: www.geoide.ulaval.ca

GEOIDE is a $30-million R&D investment program currently consolidating Canadian expertise in geomatics. As a federally supported Network of Centres of Excellence, GEOIDE brings together many of the country's leading experts from 24 universities, 27 companies and 17 government agencies and departments.

http://www.crsng.ca/guide/sf/p/2b_8_e.htm

NSERC CRSNG **Program Guide**

Gordon M. MacNabb Scholarship Foundation Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000/1 year	Same as PGS	Form 200

Program Contacts

What's the purpose of the supplement?

The purpose of the Gordon M. MacNabb Scholarship Foundation Supplements is to:

- promote graduate research in the field of intelligent systems;
- encourage and support graduate students carrying out research in Canadian universities; and
- establish linkages between the graduate students and Canadian industry using intelligent systems.

Are you eligible to hold a supplement?

To hold a supplement, you must be a participant in a research project directly related to intelligent systems, such as artificial intelligence or robotics.

What kind of support do these supplements provide?

These supplements provide support to promising graduate students working towards a master's or doctoral degree in the broad area of intelligent systems. The Foundation will award up to two supplements each year.

Value of supplement

If you are a successful applicant, the Foundation will give you a supplement of $5,000 for one year.

How do you apply?

To be considered for this supplement, you must prepare a brief explanation (maximum of 300 words) showing how the proposed research will contribute to the advancement of intelligent systems technology. Send this document directly to PRECARN Associates Inc. at the address listed below by the PGS application deadline date.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to PRECARN.

A special committee of the Gordon M. MacNabb Scholarship Foundation will review applications that NSERC submits to PRECARN, and will recommend the eligible applicant(s) it considers to have the best qualifications.

Notification of decision

PRECARN will contact successful applicants and inform them of the results.

Payment

If you are a successful applicant, the supplement will be presented to you at the annual IRIS-PRECARN Conference. PRECARN is responsible for releasing the supplement to you and for ensuring that you continue to hold an NSERC postgraduate scholarship. It must also make sure that you meet the other requirements of the Gordon M. MacNabb scholarship supplements.

Please address all documents and inquiries to:

Gordon M. MacNabb Scholarship Foundation
c/o PRECARN Associates Inc.
300-30 Colonnade Road
Ottawa, Ontario K2E 7J6
Telephone: (613) 727-9576
Facsimile: (613) 727-5672
E-mail: johnston@precarn.ca

The Gordon M. MacNabb Scholarship Foundation

The Gordon M. MacNabb Scholarship Foundation was set up to honour Gordon MacNabb, a tireless advocate of science and technology in Canada. Mr. MacNabb has been a champion of brilliant young people in science and engineering throughout his tenure as President of NSERC, as founding President of PRECARN Associates Inc., and as Scientific Leader of the Institute for Robotic and Intelligent Systems (IRIS). He has always believed that Canada's economic competitiveness and future prosperity are tied to innovation and leadership in science, technology, knowledge, and information-related activities.

NSERC CRSNG **Program Guide**

iCORE Postgraduate Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to apply
PGS-A - $12,000/year (for two years) PGS-B - $15,000/year (for two years)	Same as PGS	Form 200

Program Contacts

What's the purpose of the supplement?

The purpose of the iCORE (Alberta Informatics Circle of Research Excellence) Postgraduate Scholarship Supplements is to:

- attract outstanding graduate students in information and communications technology (ICT) to Alberta universities;
- support exceptional ICT researchers;
- develop internationally recognized research teams.

Are you eligible to hold a supplement?

To hold a supplement, you must be a new computer science or electrical and computer engineering student who holds an NSERC Postgraduate Scholarship (PGS-A or PGS-B).

What kind of support do these supplements provide?

These supplements provide financial assistance to computer science and electrical and computer engineering students working towards a master's or doctoral degree in ICT. All NSERC PGS recipients in these fields who choose to study at an Alberta university qualify for this iCORE award. A limited number of additional awards will be offered to NSERC scholarship holders in science and engineering. The Deans of Science and Engineering at the Alberta university will make allocation decisions for awards to NSERC PGS scholarship holders in other ICT-related areas of science and engineering.

If you believe you are eligible for an iCORE award, contact the Graduate Student Coordinator in an Alberta university.

Value of supplements

If you are a successful applicant, iCORE will supplement an NSERC PGS-A scholarship by an additional $12,000 per year for two years and a PGS-B scholarship by an additional $15,000 per year for two years. The tenure of these awards matches the tenure of the NSERC awards.

Payment

iCORE is responsible for releasing the scholarship supplement to the designated Alberta university to be distributed in the same manner as the NSERC awards. iCORE will also ensure the recipient of the supplement continues to hold an NSERC Postgraduate Scholarship and meets the other criteria of the iCore Graduate Student Fellowship program.

Additional information can be obtained from:

Carole Carlton

iCORE Office Manager
3608 33rd Street N.W.,
Calgary, Alberta, T2L 2A6
Telephone: (403) 210-5335
E-mail: carlton@icore.ca

Or visit the iCORE Web site at www.icore.ca

NSERC CRSNG **Program Guide**

Industry Canada Fessenden Postgraduate Scholarships

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000/1 or 2 years	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the Industry Canada Fessenden Postgraduate Scholarships is to:

- promote graduate research in the fields of radio sciences and/or communications;
- encourage and support graduate students to carry out research of interest to Industry Canada's Communications Research Centre (CRC);
- increase contacts between CRC researchers and those at Canadian universities; and
- foster graduate training of potential candidates for possible future employment at CRC.

Are you eligible to hold a supplement?

To hold a supplement, you must have achieved academic excellence in your undergraduate or master's studies. You must also be studying or planning to study in the fields of radio sciences and/or communications.

It is desirable, but not required, that you carry out research studies in collaboration with a CRC researcher, and that a CRC research scientist or engineer be on your thesis committee.

What kind of support do these supplements provide?

These supplements provide support to university students who intend to pursue graduate training in the fields of radio sciences and/or communications. They are part of a scholarship program established and administered by Industry Canada, which will award two new scholarship supplements each year.

Value of supplement

If you are a successful applicant, the CRC will give you a supplement of $5,000 a year. The supplement is renewable for as long as you hold your NSERC postgraduate scholarship, and as long as you continue to meet the requirements of the Industry Canada Fessenden Postgraduate Scholarship Program.

Review procedures

After announcing the results of its postgraduate scholarship competition, NSERC will send the appropriate successful applications to the CRC.

A special committee will review the applications that NSERC submits to the CRC and will recommend the applicants it considers to have the best qualifications.

Notification of decision

Industry Canada will choose the successful applicants and announce the results by June. The department will contact successful applicants and inform them of the results.

Payment

If you are a successful applicant, the CRC is responsible for releasing the scholarship to you and for ensuring that you continue to hold an NSERC postgraduate scholarship and that you meet the requirements of the Industry Canada Fessenden Postgraduate Scholarship Program.

For more information about this scholarship, contact:

Industry Canada Fessenden Postgraduate Scholarship Program
Communications Research Centre
P.O. Box 11490, Station H
Ottawa, Ontario K2H 8S2
Telephone: (613) 990-3929
Facsimile: (613) 990-7983

Industry Canada Fessenden Postgraduate Scholarships

Born in Knowlton, Quebec, in 1866, Professor Fessenden was a great scientist, inventor, and engineer. During his distinguished career he occupied the Chairs of Electrical Engineering at Purdue University and the University of Pittsburgh. He was a renowned inventor, holding over 230 patents of electrical, sonar, and radio equipment, including the earliest radio telephone, which he first tested in 1900. Yet, in spite of the brilliance, the number, and the continuing usefulness of Fessenden's contributions, he is virtually unknown and forgotten.

The Fessenden Postgraduate Scholarship program is part of an Industry Canada initiative to promote public awareness and commemorate the life and heritage of Professor Fessenden.

NSERC CRSNG **Program Guide**

Meteorological Service of Canada Graduate Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000/2 years	Same as PGS	Form 200
Program Contacts		

What is the purpose of the supplement?

The purpose of the Meteorological Service of Canada (MSC) Graduate supplements is to:

- promote graduate research in the atmospheric and meteorological sciences in Canadian Universities;
- encourage and support graduate students to carry out research of interest to the MSC;
- increase contacts between the MSC researchers and Canadian Universities;
- promote training of potential candidates for possible future employment at the MSC.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be studying or planning to study atmospheric or meteorological sciences in a recognized program at a Canadian University. At the end of each year of tenure you will be required to provide a brief progress report to the MSC.

What kind of support do these supplements provide?

These supplements provide financial support to high calibre students working towards masters or doctoral degrees in atmospheric or meteorological sciences or related fields. The MSC offers a maximum of 5 supplements annually.

Value of the supplements

If you are a successful applicant, the MSC will supplement your NSERC scholarship by $5,000 a year for as long as you hold an NSERC postgraduate scholarship and continue to conduct research in the atmospheric or meteorological sciences.

How do you apply?

To be considered for this supplement you must prepare a brief explanation (maximum 300 words) showing how the proposed research will contribute to the advancement of the atmospheric or meteorological sciences. Send this explanation directly to the MSC (at the address listed below) by the PGS application deadline date.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to the MSC. A special committee will review the applications and recommend the eligible applicants it considers to have the best qualifications.

Notification of decision

The MSC will choose the successful applicants and announce the results within two months after NSERC announces the results of its postgraduate scholarships competition.

Payment

The MSC is responsible for releasing the award supplement. It must also ensure that the recipients of the supplements continue to hold NSERC postgraduate scholarships and meet the other requirements of the MSC graduate supplements.

For more information about this scholarship supplement, contact:

Ms. Cathy Hayes
Office of the Director General
Atmospheric and Climate Science Directorate
Meteorological Service of Canada
Environment Canada
4905 Dufferin St.
Toronto, ON
M3H 5T4

Tel: (416) 739 4877
Fax: (416) 739 4265
E-mail: cathy.hayes@ec.gc.ca

NSERC CRSNG **Program Guide**

Northern Research Postgraduate Scholarship Supplements

This supplement is available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000/2 years	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The supplement is an initiative of the NSERC/SSHRC Task Force on Northern Research to target graduate scholars who pursue studies in the Canadian North[1]. The purpose of the supplements is to:

- foster graduate research in the North;
- defray the high cost of performing research in the North (e.g., licensing, travel);
- promote the training of highly qualified personnel in northern research; and
- increase contacts between the scientific community and northern communities.

[1] For the purposes of the program, Canada's North is defined as the land- and ocean-based territory that lies above the line of discontinuous permafrost, from northern British Columbia to northern Labrador.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be conducting or planning to conduct research in the North as part of a recognized program at a Canadian university.

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre students working towards a master's or doctoral degree for which part or all of the research requires travel to the North. A maximum of 12 supplements will be awarded annually.

Value of the supplements

If you are a successful applicant, NSERC will supplement your scholarship by $5,000 per year for as long as you hold an NSERC postgraduate scholarship and continue to conduct research in the North.

How do you apply?

To be considered for this supplement, you must prepare a brief explanation (maximum 300 words) justifying your request for the supplement according to the purpose of the supplement as described above. Attach this explanation to your PGS application.

Review procedures

After announcing the results of its postgraduate scholarships competition, a committee will review

the applications and recommend the eligible applicants it considers to have the best qualifications and justification.

Notification of decision

NSERC will choose the successful applicants and release the results within two months after the results of its postgraduate scholarships competition are announced.

Payment

NSERC is responsible for releasing the award supplement and will also ensure that the recipients of the supplements continue to meet the other requirements of the Northern Research Postgraduate Scholarship Supplements.

For more information, please contact:

Carmen Gervais
NSERC
Tel.: (613) 995-5579
E-mail: carmen.gervais@nserc.ca

NSERC CRSNG **Program Guide**

NRCan Earth Sciences Sector Postgraduate Scholarship Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$4,000/1 or 2 years	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of ESS Postgraduate Scholarship Supplements is to:

- promote graduate research in earth sciences in Canada;
- encourage graduate students to carry out all or part of their research at ESS offices; and
- increase contacts between ESS research scientists and Canadian universities.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement you must be studying or planning to study in a Department of Geology/Earth Sciences, or in another department where you are working on a research project directly related to earth sciences.

In addition, an ESS research scientist must be on your supervisory committee, and you must carry out all or part of your research in conjunction with one of the ESS divisions:

- The Geological Survey of Canada (GSC)
- Geomatics Canada (GC)
- The Polar Continental Shelf Project (PCSP)

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre students working towards master's or doctoral degrees in the earth sciences. The ESS offers up to **fifteen** supplements annually.

Value of supplements

If you are a successful applicant, in addition to NSERC's scholarship, the ESS will give you a scholarship supplement of $4,000 per year, renewable for as long as you hold the NSERC postgraduate scholarship.

In addition to financial assistance, students will have an opportunity to carry out all or part of their research in conjunction with ESS divisions. They will also benefit from working closely with an ESS research scientist.

Review procedures and selection criteria

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to the ESS.

Should the number of applicants exceed the number of available supplements, a special committee

of the ESS will review the applications submitted. The committee will then recommend the applicants it considers to have the best qualifications.

Notification of decision

The selection of the successful applicants by the ESS, and the announcement of the results, will normally be made by the end of May.

Payment

The ESS is responsible for releasing the scholarship supplement. It must also ensure that the recipient of the supplement continues to hold an NSERC postgraduate scholarship, and meets the other requirements of the ESS postgraduate supplements.

Additional information can be obtained from:

Chief Geoscientist Office, Earth Sciences Sector
Natural Resources Canada
Ottawa, Ontario K1A 0E8
Telephone: (613) 995-5372
Facsimile: (613) 996-8059
E-mail: rgrieve@NRCan.gc.ca

NSERC CRSNG **Program Guide**

Systematics Research Graduate Supplements

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$5,000/1or 2 years	Same as PGS	Form 200
Program Contacts		

What's the purpose of the supplement?

The purpose of the Systematics Research Graduate Supplements (SRGS) is to:

- promote graduate research in systematics in Canada;
- encourage and support graduate students to carry out all, or part, of their research at centres of excellence in systematics research;
- maintain and strengthen the base of expertise for systematics research in Canada; and
- provide practical work experience with natural history collections within a professional setting.

Are you eligible to hold a supplement?

At the time you apply for a scholarship supplement, you must be studying or planning to study in a university faculty where you are/will be working on a research project directly related to the areas of systematics, such as: taxonomy, evolution, biogeography, phylogeny and crystal chemistry, in the disciplines of zoology, botany, paleontology, and mineralogy.

In addition, a faculty member or staff research scientist from one of the sponsoring organizations must be on your supervisory committee, and you must carry out all or part of your research in conjunction with one of the organizations (see Note in following section):

- Alberta Provincial Museum (Edmonton)
- Canadian Museum of Nature (Ottawa)
- Lyman Entomological Museum (McGill, Macdonald Campus)
- New Brunswick Provincial Museum (Saint John)
- Nova Scotia Museum of Natural History (Halifax)
- Redpath Museum (McGill University downtown campus)
- Royal Botanical Gardens (Hamilton)
- Royal British Columbia Museum (Victoria)
- Royal Tyrrell Museum of Palaeontology (Drumheller)

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre students working towards a master's or doctoral degree in systematics. The number of supplements available will depend upon the sponsoring organizations*, but is estimated to be about ten in any given year.

*** Note**
The list of organizations is subject to change; for example, an organization that has renewed a supplement may not have the resources to offer a new supplement the same year and will be removed from the list that year. Therefore, if you are interested in being sponsored by a particular organization, you should contact the Canadian Museum of Nature (CMN) at the address below to verify that the organization is still participating in the program.

Value of supplement

If you are a successful applicant, the sponsoring organization will supplement your NSERC scholarship by $5,000 a year. The supplement is renewable yearly for as long as you hold your NSERC postgraduate scholarship.

Review procedures

After announcing the results of its postgraduate scholarships competition, NSERC will send the appropriate successful applications to the Canadian Museum of Nature. The CMN will act as liaison, sending the applications to the appropriate organizations. The organizations will then ask each of their candidates to submit a brief outline (200 words or less) describing the work they will carry out at the facility. If the number of applicants is greater than the number of available supplements, the sponsoring organizations are responsible for making the final selections.

Notification of decision

The final results will be known by the end of May. The sponsoring organizations will contact directly both the successful and unsuccessful candidates.

Payment

The sponsoring organizations are responsible for releasing the scholarship supplement. They must also ensure that recipients of the supplement continue to hold an NSERC postgraduate scholarship and meet the other requirements of the supplement.

For more information about this supplement program, contact:

Dr. Mark Graham
Director of Research Services
Canadian Museum of Nature
P.O. Box 3443, Station D
Ottawa, Ontario K1P 6P4
Canada
Telephone: (613) 566-4743
Facsimile: (613) 364-4021
E-mail: mgraham@mus-nature.ca

Systematics is the science that deals with the naming and classification of plants, animals (living and fossil species), and minerals. Systematics research tells us how these entities evolved, how they are related to others, where they are found and, in the case of the plants and animals, how they go about (or used to go about) making a living. The knowledge gained from this research is basic to resource management decisions and in applications that use natural resources. Canada's systematics expertise is decreasing. It is vital that a country so resource-rich maintain this expertise.

NSERC CRSNG **Program Guide**

Industrial Postgraduate Scholarships (IPS)

Value	Application Deadline	How to Apply
$13,800 a year (for two years) plus company contribution of $5,500 minimum a year	No NSERC deadline (there may be university deadlines)	Form 200

Program Contacts

What kind of support do these scholarships provide?

Industrial Postgraduate Scholarships provide financial support for highly qualified science and engineering graduates. The support allows them to gain research experience in industry while undertaking advanced studies in Canada. These scholarships are aimed at encouraging scholars to consider research careers in industry where they will be able to contribute to strengthening Canadian innovation.

Are you eligible for scholarship support?

To be considered eligible for support, you must:

- be a Canadian citizen or permanent resident of Canada;
- have a degree in science or engineering from a university whose standing is acceptable to NSERC;
- have certification from the Dean of Graduate Studies that, over the last two completed years of study, you had a first-class academic standing (a grade of "A") (see the upcoming Note for more details); and
- be pursuing full- or part-time graduate studies in the natural sciences or engineering at an eligible Canadian university in accordance with the regulations in effect at the university.

Note
If your academic average is slightly below a first-class academic standing, but you have other qualifications and experience relevant to the research project, the university (on your behalf) may make a case for an exception to this requirement.

To determine if you are eligible for the IPS program, NSERC will count all previous graduate studies completed in an NSERC-supported field. It will count **two** sessions of part-time graduate study as **one** session of full-time study at the time of nomination.

NSERC scholarship support is limited to a maximum of four years at the postgraduate level, either through PGS, IPS, or a combination of these awards. These are considered equivalent awards, and a maximum of **24** months of support is available at each level.

If you are pursuing part-time graduate studies in the natural sciences or engineering at an eligible Canadian university, you will be eligible for 48 months of support at one-half the normal stipend level, i.e. $6,900 per year.

Who is not eligible?

You are **not** eligible for support if you are in a qualifying year of a university program or degree.

What companies are eligible to participate?

There is no formal process for determining company eligibility for the IPS program, and the eligibility of the sponsoring partner is determined on a case-by-case basis. The primary consideration is the

quality of the interaction between the student and the collaborating company, and how the student's research project will benefit from that interaction.

Eligible organizations include private companies doing R&D in Canada, industry groups, and some utilities and provincial hydro companies. Foreign companies will be considered if the interaction between the student and the company is ensured. Start-up or spin-off companies must have their own research facilities separate from the university. Government-owned companies will be considered, provided they operate as regular for-profit enterprises, or on a cost-recovery basis; municipal, provincial and federal government departments and other non-profit institutions that receive a significant proportion of their operating budget from public funds are **not** eligible.

If there is doubt as to a company's eligibility, it is suggested that information be provided to NSERC before the application is submitted to determine whether or not it is eligible.

One other consideration is that the IPS program cannot support students in situations where the faculty supervisor has a personal financial involvement with the company. The supervisor must declare any conflict of interest and follow the university's own conflict of interest guidelines.

What types of scholarships are available?

Industrial postgraduate scholarships are available to you in two categories: **IPS 1** and **IPS 2**. (Part-time students: see previous note.)

- **IPS 1**

  This scholarship support is for a maximum of 24 months and must be held during the first three years of postgraduate study.

  At the time NSERC receives the nomination, you:

  - may be entering, or may be in, a first year of graduate studies; and
  - must not have been registered in graduate studies for more than 16 months.

IPS 1 support will not extend beyond the 28th month of your master's program. If you are a successful applicant and if you have completed more than 4 months full-time equivalent in a master's program at the time you take up your award, the normal 24-month duration of the award will be decreased by the number of months in excess of 4 that have been completed at that time.

- **IPS 2**

  This scholarship support is for a maximum duration of 24 months and must be held during the third and fourth, or fourth and fifth years of graduate studies. You are eligible for this type of scholarship only if you are, or will be, a doctoral candidate.

  At the time NSERC receives the nomination:

  - you must have completed **no less** than 13 months, and **no more** than 42 months of full-time graduate studies (or the equivalent, including both master's and doctoral studies) in a field of research that NSERC supports. Support will not extend beyond the 60th month of graduate studies, and you must have at least one year of graduate studies remaining under the award.

Value of scholarships

NSERC will pay a stipend of **$13,800** per year to your university. In addition, your sponsoring company is required to pay at least **$5,500** a year to the university in scholarship funds to support you (you should not be paid directly by the company). Although NSERC **cannot** award you more than $13,800, the company **can** contribute **more than** $5,500 to support you or the project. As a result, the scholarship is worth a minimum of $19,300. IPS award holders may be eligible for some postgraduate supplements (see Summary table). If you are a part-time student, the company contribution must be at least $2,750 per year.

Where can you hold your scholarship?

You can hold your scholarship at only your nominating university. However, to satisfy the conditions of your scholarship, you are expected to spend a minimum of 20 percent of your time at the sponsoring company on activities related to your thesis project. You **must** list the details of the planned interaction with the sponsoring company in the outline of the proposed research on the application form (Form 200). If it is **not** possible for you to spend the required amount of research time at the company, you must have an equivalent interaction with the company that would satisfy the program's objectives. This must be clearly described at the time of application.

Make sure you document the time you spend at the company and make it available to NSERC upon request.

How do you apply?

Contact the Office of Graduate Studies at your university. It is responsible for submitting nominations to NSERC. A complete nomination includes:

- Form 200, Application for an NSERC Scholarship or Fellowship;
- official academic transcripts with the Grade Point Average (GPA) indicated;
- the names of the faculty supervisor and the company co-supervisor (university participants must declare any conflict of interest and must not have a personal financial involvement with the company; the university must confirm that its conflict of interest guidelines have been followed);
- information on the sponsoring company, if necessary, to establish eligibility for the program;
- a description of the research facilities to which the student will have access;
- details of the planned interaction with the sponsoring company;
- certification by the Dean of Graduate Studies of the student's admission to the proposed degree program and whether it is on a full- or part-time basis;
- a statement signed by the university, the company, the student, and the university supervisor in which you all agree to:
    - the company's financial contribution to the scholarship (for full-time: a minimum of $5,500 a year for two years);
    - the ownership of intellectual property arising from the research;
    - the student spending 20 percent of the time at the company; and
    - the understanding that the granting of the student's degree will not be delayed by the desire to keep research results confidential.

Application deadlines

There are no NSERC deadlines for this program, but there may be internal university deadlines. For more information about university deadlines, contact the Office of Graduate Studies or the scholarship liaison officer.

What are the steps involved?

1. The university must ensure that eligibility criteria and standards of excellence are satisfied.
2. The university's Office of the Dean of Graduate Studies coordinates all of NSERC's industrial postgraduate scholarship applications and sends the nomination documents, including an outline of their proposed research projects to NSERC.
3. A university faculty member and a researcher from the collaborating company will jointly supervise the project.
4. NSERC reviews nominations and decides which applicants will receive scholarships. The award is made for a specific research proposal involving a student, a faculty supervisor, and a collaborating company. The ideal project is one that matches the interests of the faculty member, the needs of the collaborating company, and the student's skills.
5. The scholarship will be administered by the university.

Notification of decision

NSERC will notify you and the nominating university of its decision within two months of the date NSERC receives the nominations.

Start date of award

Normally, the award should be taken up within three months of the date NSERC approves the scholarship.

Payment of award

The university will be responsible for making regular payments to the scholarship holder.

If you do not hold a scholarship for the full period, NSERC will make a prorated reduction in the stipend.

Termination of support

- If you no longer meet the eligibility criteria that were in effect at the time your award was approved, you will no longer be eligible for scholarship support.
- If your host company withdraws its financial support for your scholarship, you will no longer be eligible.

In both cases, notify NSERC and the Office of Graduate Studies at your university. Your scholarship will be cancelled.

Progress reports

Before NSERC can authorize a payment for the second year of the scholarship, it must receive from the Dean of Graduate Studies a progress report at the end of the first year of the scholarship. The report must:

- verify the student's satisfactory standing in the graduate program;
- describe the progress the student has made in the research project;
- detail the time the student has spent at the host/collaborating company; and
- confirm the company's continued financial support.

Parts of the report may be prepared by the Dean of Graduate Studies, the scholar, the university supervisor, or the company representative (as appropriate).

Final report

Near the end of the second year of your award, you will be sent an exit survey that must be completed and returned to NSERC. A completed copy of this survey should also be given to the Scholarships Liaison Officer in the Office of Graduate Studies at your university.

This report will be used to identify successful projects for promotional purposes and will contribute to the assessment of subsequent applications to the IPS program from the student or the company. **Do not submit a technical report.**

NSERC CRSNG **Program Guide**

Fuel Cell Postgraduate Stipends

These supplements are available to you only if you are awarded a PGS (or IPS, if applicable).

Value	Application Deadline	How to Apply
$3,000/month for four months	Contact NSERC	Form 200
Program Contacts		

NSERC has introduced a co-operative education program in fuel cell research similar to the current NSERC Industrial Postgraduate Scholarships (IPS) program. These awards will provide financial support for highly qualified science and engineering graduates to spend four-month work terms in relevant National Research Council (NRC) or company laboratories. The support will allow them to gain practical experience with industrially relevant R&D problems and challenges.

The program will accept up to 12 students each year and preference will be given to students under the tutelage of (fuel cell) Chair holders. Work-term stipends will be $3,000 per month and will last 4 months (one work-term per individual will be allowed per each 12-month period). The industrial sponsor or NRC institute is expected to supplement the amount provided by NSERC.

Please see the complete description of this program.

NSERC CRSNG **Program Guide**

Postdoctoral

Use Form 200 (and 183C for IRF)

Who should read this?

You should read this if you would like to apply for a postdoctoral fellowship. The information and types of awards and fellowships outlined here are relevant only to applicants who have already obtained their doctorate, or who will obtain it within the next year.

Postdoctoral Fellowships (PDF)

These fellowships provide support to a core of the most promising researchers at a pivotal time in their careers. The fellowships are also intended to secure a supply of highly qualified Canadians with leading-edge scientific and research skills for Canadian industry, government, and universities. Qualified Aboriginal researchers who are interested in the program are encouraged to apply (for more information, contact NSERC).

Postdoctoral Supplements

- Canada-United Kingdom Millennium Research Supplements
- Department of Fisheries and Oceans Canada (DFO) Postdoctoral Fellowship Supplements
- Northern Research Postdoctoral Fellowship Supplements

Industrial Research Fellowships (IRF)

These fellowships provide financial contributions that support recent doctoral graduates engaged in industrial research.

Visiting Fellowships (VF)

This program provides promising young scientists and engineers with the opportunity to work with research groups or leaders in Canadian government laboratories and research institutions. Fellowships are awarded for one year with the possibility of renewal for a second and third year, at the discretion of the government department concerned.

NATO Science Fellowships

The North Atlantic Treaty Organisation (NATO) provides NSERC with an annual grant to finance a limited number of awards that offer opportunities for emerging scientists and engineers from NATO partner countries to pursue postdoctoral research in the natural sciences and engineering at Canadian universities.

Japan Society for the Promotion of Science (JSPS) Fellowships

The Japan Society for the Promotion of Science (JSPS) has established the JSPS Postdoctoral Fellowships for Foreign Researchers. A limited number of promising young researchers are given the opportunity to conduct research in Japanese universities and in designated research institutions and laboratories. NSERC is responsible for selecting Canadian nominees for JSPS Fellowships.

University Faculty Awards (UFA)

The goal of the University Faculty Awards program is to decrease the under-representation of women and Aboriginal peoples in faculty positions in the natural sciences and engineering by

encouraging Canadian universities to appoint very promising researchers in those groups to tenure-track or tenured positions in science and engineering.

NSERC CRSNG **Program Guide**

Postdoctoral Fellowships (PDF)

Value	Application Deadline	How to Apply
$35,000 a year (for two years)	November 15	Form 200
Program Contacts		

What kind of support do postdoctoral fellowships provide?

These fellowships provide support to a core of the most promising researchers at a pivotal time in their careers. The fellowships are also intended to secure a supply of highly qualified Canadians with leading-edge scientific and research skills for Canadian industry, government, and universities. Qualified Aboriginal researchers who are interested in the program are encouraged to apply (for more information, contact NSERC).

Are you eligible for a postdoctoral fellowship?

To be considered eligible for support, as of the deadline date of the year in which you apply, you must:

- be a Canadian citizen, or a permanent resident of Canada; and
- hold or expect to hold a doctorate in one of the fields of research that NSERC supports.

In addition...

- You must expect to complete all your doctoral requirements by January 1 of the year **following** the award announcement; or
- You must have completed all requirements of your first doctoral degree no more than **two years** before the deadline date of the year in which you apply.
  - If you have engaged in relevant work experience in industry or government after you received your doctorate, NSERC will extend this eligibility period to **three years**.
  - If you have withdrawn from the workforce and active research for maternity leave or to raise a child for at least one year after you received your doctorate, NSERC will extend this eligibility period to **six years**.
- You can hold only one NSERC postdoctoral fellowship. If NSERC does not award you a fellowship after your first application, you may apply again as long as you meet the eligibility criteria.
- You can apply only **twice** for a postdoctoral fellowship.

What is the duration of the fellowship?

If you are a successful applicant, you are eligible for a maximum of 24 months of support.

To hold your fellowship...

You must:

- be engaged in full-time research at an eligible institution; and
- have completed all requirements of your degree which includes the successful defence and submission of the corrected copy of your thesis (in accordance with your university's regulations).

Where can you hold your fellowship?

You can hold your postdoctoral fellowship at:

- Canadian universities;
- provincial research institutions in Canada;
- other appropriate research laboratories in Canada; and
- universities and research centres abroad.

However, you **cannot** hold a fellowship in Canadian government laboratories or in industrial laboratories across Canada. For information about tenure in these types of locations, see Industrial Research Fellowships, and Visiting Fellowships in Canadian Government Laboratories.

In addition...

- You are encouraged to diversify your research experience and seek the opportunity to hold your fellowship at leading research centres in Canada or in other countries.
- NSERC will consider your application to hold your fellowship at the same university where you received your doctorate. However, since this is not usually allowed, you will have to provide a strong justification before you get approval to do so. Such justification may include family reasons (e.g., a spouse's career) or scientific reasons (e.g., availability of specialized equipment), which make it extremely difficult for you to leave a particular university. Whenever possible, NSERC expects you to change department and/or supervisor, or to change university if there are two in the same city.
- In the event that NSERC does not accept your justification, you are encouraged to submit an alternate location for your postdoctoral fellowship.
- You may hold a postdoctoral fellowship abroad only if you have received (or expect to receive before you take up the fellowship) your doctorate from a Canadian university.

How do you apply?

You can apply for a postdoctoral fellowship by completing Form 200, Application for an NSERC Scholarship or Fellowship and providing supporting documents.

Application deadline

NSERC must receive your application by **November 15**. The Council will not accept your application after that date. Remember that your current or former university department must still complete part of the application, so you must adhere to departmental deadlines.

Review procedures and selection criteria

NSERC scholarships and fellowships selection committees review all applications for postdoctoral fellowships. The committees recommend for fellowships the applicants they consider to have the best qualifications. The six broad discipline categories are:

- engineering;
- computing and mathematical sciences;
- physics and chemistry;
- earth sciences and ecology;
- cellular and molecular biology; and
- life sciences and psychology.

The selection committees evaluate and select applicants for postdoctoral fellowships according to the criteria in the following categories (their relative weighting is in parentheses):

- **Academic excellence: (15)**
  - academic record;
  - scholarships and awards held; and
  - duration of previous studies.

- **Research ability or potential: (60)**
  - quality of contributions to research and development;
  - relevance of work experience and academic training to field of proposed research;
  - significance, feasibility, and merit of proposed research and justification for location of tenure;
  - ability to think critically;
  - ability to apply skills and knowledge;
  - judgement;

- originality;
- initiative and autonomy;
- enthusiasm for research; and
- determination and ability to complete projects within an appropriate period of time.

- **Communication skills: (10)**
  The ability or potential to communicate scientific concepts clearly and logically in written and oral formats. For example, this could include:
  - quality of the application's presentation;
  - participation in preparing publications; and
  - awards for oral presentations or papers.

- **Interpersonal and leadership abilities: (15)**
  Professional and relevant extracurricular interactions and collaborations. For example, this could include:
  - mentoring;
  - teaching;
  - supervisory experience;
  - project management;
  - chairing committees;
  - organizing conferences and meetings; and
  - elected positions held.

Notification of decision

NSERC will announce the results of the competition in March by notifying all applicants of the results in writing. NSERC will not provide results by telephone.

Successful applicants will receive a notice of award and should refer to NSERC's *Award Holder's Guide* for further information. This publication provides instructions for obtaining payment as well as information concerning the regulations pertaining to your award.

NSERC may also publish the names (and other basic award information) of fellowship recipients on its Web site. For more information, see the *Access to Information Act* and the *Privacy Act*.

Industrial support

If you hold your fellowship at a Canadian university, NSERC encourages you to undertake research that involves collaboration between the university and Canadian industrial organizations. The nature of the proposed collaboration must be acceptable to the university. You may accept a supplement to your stipend from the industrial organization.

Start date

Your fellowship may start at any time between April 1 of the year you are awarded the fellowship and January 15 of the following year. Before you can take up your fellowship, you must have completed all the requirements of your doctoral degree. This includes successful defence of your thesis and acceptance of any required revisions.

Can you defer your fellowship?

You may defer a fellowship for up to three years before you take it up, but only for reasons of maternity, child rearing, illness, or health-related family responsibilities. NSERC approves requests for deferral on a case-by-case basis.

NSERC CRSNG **Program Guide**

Postdoctoral Supplements

These supplements are available to you only if you are awarded a PDF (or IRF, if applicable).

If you would like to apply for a postdoctoral fellowship (PDF) supplement, you should read the following sections to see what types of supplements are available and to determine if you are eligible. In these sections, you will also find information on supplement values, how to apply, contact information, and selection criteria.

If you are eligible for a particular supplement and would like to apply, complete the Consent section in Appendix 3 of Form 200, Application for an NSERC Scholarship or Fellowship.

Supplement	Field of Study	$ Value	No. of years
Canada-United Kingdom Millennium Research Awards	Persons taking up PDF awards in the UK	$5,000	2 years
Department of Fisheries and Oceans Canada (DFO) Postdoctoral Fellowship Supplements	Fisheries, Marine and Aquatic Science	$7,500	1 year
Northern Research Postdoctoral Fellowship Supplements	Northern Research	$5,000	2 years

NSERC CRSNG **Program Guide**

Canada-United Kingdom Millennium Research Awards

This supplement is available to you only if you are awarded a PDF (or IRF, if applicable).

Value	Application Deadline	How to apply
$5,000/2 years	Same as PGS	Form 200

Program Contacts

Supplements for NSERC Postdoctoral Fellowship Holders

An agreement covering scientific co-operation between NSERC and the Royal Society of London was signed in May 1998. As a result of this agreement, NSERC will be awarding, on a competitive basis, **up to 10 supplements of $5,000 per year for two years, to successful applicants to its Postdoctoral Fellowships competition who have specified a location of tenure for the award in the U.K.**

What is the purpose of the supplement?

These awards are intended to:

- encourage joint British-Canadian research efforts; and
- facilitate the movement of research scientists and engineers between the two countries.

Are you eligible to hold a supplement?

To hold this supplement, you must:

- be awarded an NSERC PDF; and
- take up the award in the U.K.

It is expected that applicants will have established contact with a U.K. research establishment and have agreed on a tentative research plan at the time of application.

What kind of support do these supplements provide?

Up to 10 awards of $5,000 per year for two years will be made to successful applicants who take up their award in the U.K. The funds are to be used by the recipients to offset relocation costs and living expenses.

How do you apply?

All applicants to the PDF competition who indicate a location of tenure in the U.K. will be considered for the supplements. NSERC will identify the winners based on the review by its scholarships and fellowships selection committees.

Notification of decision

NSERC will notify recipients of these supplements in April.

NSERC CRSNG **Program Guide**

Department of Fisheries and Oceans Canada (DFO) Postdoctoral Fellowship Supplements

This supplement is available to you only if you are awarded a PDF (or IRF , if applicable).

Value	Application Deadline	How to apply
$7,500/year	Same as PDF	Form 200
Program Contacts		

Purpose of the supplement

The purpose of the Department of Fisheries and Oceans Canada (DFO) Postdoctoral Fellowship Supplements is to:

- promote research in fisheries, marine and aquatic science in Canada;
- encourage and support postdoctoral fellows carrying out research of interest to Fisheries and Oceans Canada;
- increase research interactions between DFO and Canadian universities; and
- foster training of potential candidates for future employment with DFO.

Are you eligible to receive a supplement?

To hold this supplement, you must be the recipient of an NSERC Postdoctoral Fellowship (PDF) and be planning or carrying out a research project in fisheries, in marine or aquatic science or in an information or technology field with direct application to fisheries, or marine or aquatic science.

If you receive a supplement, you may be asked to discuss your research with a DFO scientist or make a presentation at a DFO research facility. Also, DFO may give supplement winners access to DFO research facilities and/or scientific advisors when feasible.

In addition, you must submit a brief description (300 words) of your research specifying how the research project advances knowledge in fisheries, in marine or aquatic science, or in an information field with direct application to fisheries, or marine or aquatic science.

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre postdoctoral fellows performing research in fisheries, in marine or aquatic science or in an information or technology field with direct application to fisheries, or marine or aquatic science. DFO offers up to ten supplements annually.

Value of supplement

Successful applicants will receive fellowship supplements of $7,500. The supplement will be for one year only; however, it may be renewed subject to performance and future eligibility criteria.

Review procedures

After announcing the results of its postdoctoral fellowships competition, NSERC will send the appropriate successful applications to DFO.

Should the number of applicants exceed the number of available supplements, DFO will review the

postdoctoral fellowship and supplement applications and select those that best meet the intent of the ***Purpose of the supplement***, as described above. All selections will be final.

Notification of decision

DFO will select and contact the successful applicants. Supplements will be issued directly from DFO to the successful candidates or their academic institutions.

For more information about this supplement, please contact:

Dr. Sherry E. H. Niven
Senior Advisor - Science Partnerships
Fisheries and Oceans Canada
Bedford Institute of Oceanography
P.O. Box 1006, Dartmouth, N.S. B2Y 4A2
Telephone: (902) 426-3246
Facsimile: (902) 426-6695
E-mail: nivens@dfo-mpo.gc.ca

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Northern Research Postdoctoral Fellowship Supplements

What's the purpose of the supplement?

The supplement is an initiative of the NSERC/SSHRC Task Force on Northern Research to target postdoctoral fellows who conduct research in the Canadian North [1] . The purpose of the supplements is to:

- foster research in the North;
- defray the high cost of performing research in the North (e.g., licensing, travel);
- promote the training of highly qualified personnel in northern research; and
- increase contacts between the scientific community and northern communities.

Are you eligible to hold a supplement?

At the time you apply for a fellowship supplement, you must be conducting or planning to conduct research in the North.

What kind of support do these supplements provide?

These supplements provide financial support to high-calibre postdoctoral fellows conducting research for which part or all of the research requires travel to the North. A maximum of 6 supplements will be awarded annually.

Value of the supplements

If you are a successful applicant, NSERC will supplement your fellowship by $5,000 per year for as long as you hold an NSERC postdoctoral fellowship and continue to conduct research in the North.

How do you apply?

To be considered for this supplement, you must prepare a brief explanation (maximum 300 words) justifying your request for the supplement according to the purpose of the supplement as described above. Attach this explanation to your PDF application.

Review procedures

After announcing the results of its postdoctoral fellowships competition, a committee will review the applications and recommend the eligible applicants it considers to have the best qualifications and justification.

Notification of decision

NSERC will choose the successful applicants and release the results within two months after the results of its postdoctoral fellowships competition are announced.

Payment

NSERC is responsible for releasing the award supplement and will also ensure that the recipients of the supplements continue to meet the other requirements of the Northern Research Postdoctoral Fellowship Supplements.

For More Information

For more information, please contact:
Carmen Gervais
NSERC
Tel.: 995-5579
email: carmen.gervais@nserc.ca

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1. For the purposes of the program, Canada's North is defined as the land- and ocean-based territory that lies above the line of discontinuous permafrost, from northern British Columbia to northern Labrador.

NSERC CRSNG **Program Guide**

Industrial Research Fellowships (IRF)

Value	Application Deadline	How to Apply
$30,000 a year (for two years) plus company contribution of $10,000 minimum a year	Date varies (Four competitions each year. See NSERC Web site for details)	Forms 200 and 183C

Program Contacts

Who should read this section?

Although this section is intended for potential applicants, it also provides important information for companies that want to nominate industrial research fellows.

What kind of support do industrial research fellowships provide?

These fellowships provide financial contributions that support recent doctoral graduates engaged in industrial research. Their objective is to:

- encourage recent Ph.D. graduates in science and engineering to gain experience and seek careers in Canadian industry;
- promote awareness in Canadian industry of the capabilities of Canadian universities and university research;
- facilitate the transfer of expertise and technology; and
- provide an opportunity for Ph.D. holders seeking university careers to gain experience in industrial research and development.

The presence of highly qualified personnel through these fellowships promotes the development of a long-term research capacity in Canadian companies (especially small and medium-sized ones).

Are you eligible for a fellowship?

Industrial research fellowships are intended primarily for recent doctoral graduates seeking employment in Canadian industry for the first time. To be nominated for a fellowship, you must:

- be a Canadian citizen or permanent resident of Canada **at the time of your nomination**; and
- hold a doctoral degree in a discipline of science or engineering that NSERC supports; or
- expect to have completed all the requirements for such a degree, including your thesis defence, by the proposed date of appointment.

In addition...

- NSERC will give preference to candidates who have completed their doctoral degree within the last five years. If you have withdrawn from the workforce and active research for at least one year after you received your doctorate for maternity leave or to raise a child, NSERC will extend this period of time to nine years.

Who is not eligible?

You are **not** eligible if:

- you are already a permanent employee of the host company;

- you are currently, or were previously, employed in Canadian industry after receipt of your doctoral degree; or
- you have received an offer of employment from the company which is not conditional upon receipt of the fellowship, or if you receive such an offer subsequent to the submission of the application to NSERC.

However...

While waiting for a decision from NSERC on your fellowship application, you may accept a short-term employment contract of up to six months with your nominating company. Subsequent employment must be conditional on your receiving a fellowship.

What is the duration of the fellowship?

The industrial research fellowship provides support for up to two years. The continuing support will be subject to:

- your continuing to meet the program's eligibility criteria and objectives;
- a report acceptable to NSERC that the company submits at the end of the first year; and
- the availability of funds.

Terms and conditions

Keep in mind the following:

- For the duration of the award, industrial research fellows will be employees of the company where they hold the award. Their activities will be governed by the same terms and conditions of employment as regular employees who are engaged in similar work, and by any other conditions the company imposes.
- A company may, at any time, terminate the fellow's appointment for unsatisfactory performance.
- A company may also offer their candidates permanent positions provided that they are conditional upon receipt of the fellowship.

Research and development activities

During tenure, fellows are expected to engage in research and development activities, and/or research project management. They must be involved in one (or at most two) challenging projects in a work environment that will provide them with an opportunity to grow as a researcher.

Changes to the fellowship activities during tenure

- If there is any departure from the original objectives of the research and development activities proposed in the nomination documentation, the company should immediately notify NSERC in writing. The company does **not** have to notify NSERC about modifications in its approach to achieving the original objectives.
- If the activities cease to be eligible under NSERC's mandate, or are not considered to be appropriate for an IRF, the award will be terminated. However, the fellow may be permitted to transfer the award to another eligible organization.
- From time to time, it may be necessary for the company to temporarily assign the fellow to special projects. These assignments are acceptable to NSERC as long as they are short-term projects and do **not** take up more than 20% of the fellow's time.
- If the fellow completes the proposed research activities **before** the end of the two-year term, the company may assign the fellow to other research projects. It is not intended that the company terminate the employment.

Salary

- The salary should be comparable to the ones offered to other company employees with similar qualifications, experience, and responsibilities. Fellows should be paid in accordance with the company's normal practices.
- Fringe benefits should be comparable to those of other company employees.
- Fellows should receive the same salary increments and merit increases as other company employees.

Payment of awards

At the end of each four-month period of tenure, NSERC will reimburse the company for its contribution to the salary of the fellow. Payment will not be approved for any period prior to the official notification of the fellowship, nor for any period prior to completion of all doctoral degree requirements, including thesis defence and submission of any necessary corrections.

Holidays and leave

Industrial research fellows are entitled to holidays, sick leave, etc., in accordance with company policy. Periods of absence for which the company is not prepared to authorize payment of salary at the regular rate must be reported to NSERC and will result in a prorated reduction in the NSERC contribution to the fellow's salary.

Arrangements for maternity leave will conform with the company's policies. If maternity leave with pay is granted by the company, NSERC's contribution may be prorated in relation to the company's actual contribution to the fellow's salary. The company and fellow may elect to suspend the award for the duration of the maternity leave. NSERC will not contribute to the fellow's salary for more than the two-year term of the award.

An award holder may take a period of up to two years of leave without pay for the purpose of child-rearing or family responsibilities, if this is in accordance with the company's policy. The award, and NSERC's contribution to the fellow's salary, will be suspended for the duration of the leave, and will resume upon return to full-time duties. With the approval of the company, deferment prior to the start of the award is permitted for the purpose of child-rearing or health-related family responsibilities.

Where can you hold your fellowship?

You may hold your fellowship within the research facilities of any Canadian private-sector organization that NSERC has approved for participation in this program. The criteria upon which this approval is based are listed in the upcoming section, "What private-sector organizations are eligible to participate?"

For eligible organizations, see NSERC's list of eligible companies. Please note, however, that this list is not all-inclusive and other companies may be eligible. If the proposed company is **not** on the list, the applicant or organization should consult with NSERC before proceeding with the application.

Any collaboration arranged after approval of the award that involves spending a period of more than one month in the facilities of other organizations must be authorized by NSERC.

What private-sector organizations are eligible to participate?

There is an application process to become eligible to participate in the IRF program. To apply, companies must complete and submit Form 183B, Application for Eligibility of Organizations to Participate in NSERC's IRF and Industrial USRA Programs, at any time during the year or with the nomination for a fellowship. NSERC offers a number of programs for training people in industry. To participate in the NSERC Industrial Research Fellowships Program, a private-sector organization must:

- be either federally or provincially incorporated in Canada (companies that have not been incorporated may be considered if they are wholly Canadian-owned);
- operate on a for-profit basis (government-owned companies will be considered provided they operate as regular for-profit enterprises, or on a cost-recovery basis; universities and other non-profit institutions that receive a significant portion of their operating budget from public funds are **not** eligible);
- possess adequate and sound financial resources;
- be engaged in R&D activities based, to a significant extent, on technology derived from the natural sciences and engineering;
- maintain appropriate research facilities (e.g., laboratories, computing equipment) within the company's premises; and
- have a demonstrable ability to apply the results of its research by effectively completing the subsequent development work in Canada, and by marketing or exploiting the products or processes from a Canadian base in the best interests of the company and the Canadian

economy.

Any organization that represents a group of Canadian enterprises or producers (such as agricultural or fishing cooperatives or trade associations), consulting firms, engineering firms, and other enterprises that do not have production facilities may be considered eligible. They must provide evidence of their ability to fund and apply the research through an appropriate Canadian company or association.

What will your salary be?

As a fellow, your salary will be at least **$40,000** a year. The average annual salary offered to successful applicants last year was approximately $49,500.

- The private-sector organization is responsible for the administration of the fellowship and NSERC will forward its contribution to the company. NSERC's contribution towards the fellow's salary is $30,000 per year for two years. The company supplements NSERC's contribution – this supplement should amount to at least $10,000 a year. If, for any reason, your tenure is less than 12 months, NSERC will prorate its contribution to the amount of time you spent with the company.

Also, keep in mind that it is up to you to negotiate your salary and fringe benefits with the company.

Nomination and appointment procedures

If you would like to be nominated for an industrial research fellowship, you must first contact an eligible company and negotiate the details of your position. The company will then submit your nomination to NSERC.

The nomination must include:

- Form 200, Application for an NSERC Scholarship or Fellowship;
- official up-to-date transcripts of all your graduate academic records;
- Appendix 1, Form 200, Report on the Applicant; a minimum of two reports are required but additional reports or letters of recommendation may be submitted (your Ph.D. supervisor and postdoctoral supervisor, if applicable, should provide reports);
- two copies of each of your most relevant or significant publications (to a maximum of three);
- Form 183C, Nomination for an Industrial Research Fellowship, to be completed by the nominating company and co-signed by you; and
- the company's official letter or contract offering you employment. In exceptional cases where a company has offered you a short-term employment contract, the company must attach a copy of this contract and a written rationale explaining why it was necessary to hire you before the competition. The employment offer must clearly state that subsequent employment depends on your receiving a fellowship.

In addition, if the work involves interactions with other organizations, the nomination must include a letter from a representative of each collaborating organization who is authorized to enter into such interactions. This letter will outline the nature of the interaction and the organization's commitment (financial, equipment, technical expertise, etc.) to your activities.

Multiple nominations

If more than one company is nominating you, you must submit separate applications and supporting documents to each company.

There is no limit to the number of nominations that an individual company may make. However, the total number of awards that NSERC will make each year is limited. NSERC does not reserve a quota of positions for any company, and there are no quotas for specific research disciplines. NSERC reserves the right to limit the number of awards held in a given company.

Review procedures and selection criteria

A selection committee composed of federal government employees from departments and agencies with an interest in research and development will review the nominations. Committee members may also confer with other federal government colleagues with expertise in areas addressed by specific applications. If the nominating organization does not wish certain individuals or groups to see the

proposal, it should clearly identify them in a covering letter.

The committee assesses the merit of the candidate and separately assesses the merit of the research proposal. To be successful, both the **applicant** and the **research proposal** must be meritorious.

The committee evaluates **applicants** based on the following criteria:

- **Academic excellence:**
  - academic record;
  - scholarships and awards held; and
  - duration of previous studies.

- **Research ability or potential:**
  - quality of contributions to research and development;
  - relevance of work experience and academic training to field of proposed research;
  - ability to think critically;
  - ability to apply skills and knowledge;
  - judgement;
  - originality;
  - initiative and autonomy;
  - enthusiasm for research; and
  - determination and ability to complete projects within an appropriate period of time.

- **Communication skills:**
  The ability or potential to communicate scientific concepts clearly and logically in written and oral formats. For example, this could include:
  - quality of the presentation of the application;
  - participation in preparing publications; and
  - awards for oral presentations or papers.

- **Interpersonal and leadership abilities:**
  Professional and relevant extracurricular interactions and collaborations. For example, this could include:
  - mentoring;
  - teaching;
  - supervisory experience;
  - project management;
  - chairing committees;
  - organizing conferences and meetings; and
  - elected positions held.

The committee evaluates the **research proposal** based on the following criteria:

- **Proposed research and development activities.**
  This could include:
  - the opportunity for professional growth and challenge;
  - the significance, feasibility, and the scientific and technical merit of the proposed research;
  - the suitability of the nominee to contribute to the company's short- and long-term objectives or plans;
  - the significance of the project to the company's long-term objectives and capabilities; and
  - the company's overall commitment, including its financial commitment, to the fellow and the project.

It should be noted that where the company has participated previously in the program, the experience gained by the fellows during tenure of their awards, and the company's success in integrating previous fellows into the regular staff of the company upon the expiration of the awards, will also be considered by the selection committee.

Resubmitting your nomination

If NSERC rejects your nomination for a fellowship on the basis of your merit and past record, it is strongly recommended that you wait for one year before you reapply either with the same company or a different one. You may reapply only **once**.

If NSERC rejects the nomination for a fellowship due to an inadequate project or project description

submitted by the company, the nomination may be resubmitted by the same company in any subsequent competition as long as the project or project description is revised. Only one resubmission from the same company will be permitted. However, you may be nominated by a different company in any subsequent competition.

Notification of decision

NSERC holds competitions approximately every three months. A calendar of deadlines for submission and competition dates is available. NSERC will inform companies of the results, usually three weeks after the competition date.

Taking up your fellowship

NSERC expects that you will take up your fellowship within three months after the results are announced. In exceptional cases, the award may be taken up within six months of the announcement. If you do not take up the fellowship within the required time frame, NSERC may cancel it.

Transferring your fellowship

In some cases, NSERC may approve a request to transfer your fellowship from one eligible company to another – but only if all the concerned parties agree. Before it will approve the transfer, NSERC must receive:

- a letter from the fellow formally requesting the transfer, justifying the request, and indicating the effective date;
- Form 183C, Nomination for an Industrial Research Fellowship, completed by the new company to which you are requesting a transfer; and
- the company's official letter or contract offering you employment, conditional upon NSERC's approval of the transfer.

Note
NSERC must approve your transfer before you move to a new company.

Send all requests for transfers and all supporting documentation a **minimum** of one month before the proposed date of transfer to the new eligible company. If the company has not been previously approved for participation in this program, send all requests and documentation, including Form 183B, Application for Eligibility of Organizations to Participate in NSERC's IRF and Industrial USRA Programs, approximately two months before the proposed date of transfer.

Confidentiality

NSERC protects the application material that it receives and instructs reviewers to keep all information confidential, and to use it only for review purposes. If a company has particular concerns about confidentiality, it should consult NSERC staff. However, NSERC must have sufficient information to assess the scientific or engineering content of the application.

For more information about confidentiality, see the *Access to Information Act* and the *Privacy Act*.

Patents

If you have patentable inventions and developments resulting from your work, the company's patent policies will apply to them. You are encouraged to discuss intellectual property rights with the company before you apply.

Publishing research results

Potential nominees should realize that because of the nature of industrial research and the company's need for secrecy, some companies do not allow publication of their research results, which could have an impact on the fellow's future career opportunities. However, because of the importance of publications as one measure of a researcher 's scientific abilities, and to develop their reputation in their field of expertise, companies should structure the proposed research project in such a way as to permit fellows to publish the non-proprietary aspects of their research findings, in order to enhance their future career opportunities. You are encouraged to discuss this issue with

the company when you negotiate the terms of employment.

Travel allowances

NSERC may approve a travel allowance for the actual costs you incur to get to your host company work location. The maximum allowance is an amount equivalent to economy air fare between your place of residence at the time of nomination for the award and your host company's location.

In addition...

- NSERC will provide a $50 allowance for ground-transportation costs to and from your residence and your point of departure (e.g., airport, train station, bus station).
- NSERC does not provide an allowance for the cost of transporting excess baggage or removing household effects.
- A further allowance may be paid for a fellow when accompanied by a spouse and/or children.
- The company may also assist you in paying relocation expenses.
- You should submit your receipts and expense request to the company. NSERC will reimburse the company for eligible expenses.

Progress reports

The company must submit a progress report that outlines the work the fellow carried out to date. This report must be prepared at the end of the first year of the award – at the beginning of the final month. Payment of NSERC's contribution for the second year of the award will not be released until receipt and review of the progress report.

Final report

Within six months of the date you completed or terminated your fellowship, the company must provide a brief final report with:

- an outline of the project you undertook;
- a list of the major achievements resulting from the work;
- an outline of the potential for commercialization or for further development of the research results; and
- a list of any tangible results, i.e., papers, publications, or patents resulting from your activities, employment, improved processes, financial benefits, etc.

Do not submit a technical report.

Evaluation Reports

Both you and the company should submit reports to NSERC evaluating your experience with the IRF program. These reports should be submitted upon the completion or termination of your award.

NSERC CRSNG **Program Guide**

Visiting Fellowships in Canadian Government Laboratories (VF)

Value	Application Deadline	How to apply
$36,785 a year (1 year, renewable for up to 2 more years)	None	Form 200
Program Contacts		

For more information on this program, see *Visiting Fellowships in Canadian Government Laboratories*, available from the university research grants office and from NSERC.

What kind of support does this program provide?

This program provides promising young scientists and engineers with the opportunity to work with research groups or leaders in Canadian government laboratories and research institutions. Fellowships are awarded for one year with the possibility of renewal for a second and third year, at the discretion of the government department concerned.

Fellowships are tenable in the following departments and agencies (some changes may occur in this list):

Agriculture and Agri-Food Canada

Canadian Food Inspection Agency

Canadian Space Agency

Environment Canada

Fisheries and Oceans

Health Canada

Industry Canada - Communications

National Defence

National Research Council of Canada

Natural Resources Canada

Natural Resources Canada – Canadian Forest Service

Are you eligible?

Applicants must hold a doctorate or expect to complete one shortly (see *Visiting Fellowships in Canadian Government Laboratories*) from a recognized university prior to taking up the fellowship. They should not have received their doctorate more than five years prior to the date of application.

Application deadlines

There are no deadlines for application to this program; applications are processed and reviewed as they are received.

Announcement of competition results

Decisions are announced up to three months following receipt of complete applications.

NSERC CRSNG **Program Guide**

NATO Science Fellowships

Please note that of the three types of fellowships offered by the NATO Science Fellowships Program, Canada offers only Advanced Fellowships.

Value	Application Deadline	How to apply
$33,000/year (up to 2 years)	October 1*	Form 200
Program Contacts		

* Candidates have to meet an earlier university deadline.

Objective

NATO Science Fellowships offer opportunities for emerging scientists and engineers from NATO Partner countries to pursue postdoctoral research in the natural sciences and engineering at Canadian universities.

Description

The North Atlantic Treaty Organisation (NATO) provides NSERC with an annual grant to finance a limited number of awards to recent doctoral graduates from the following countries: Albania, Armenia, Azerbaijan, Belarus, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Moldova, Poland, Romania, Russia, Slovak Republic, Slovenia, Tajikistan, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine and Uzbekistan.

NATO Science Fellowships are tenable at a Canadian university that can provide the research facilities and environment appropriate for the proposed research activity. Fellows must work under the supervision of a faculty member who holds an NSERC grant (Research, Strategic, CRD) or Industrial Research Chair at the time of nomination.

Starting in 2001, NATO Industrial Fellowships will be offered by NSERC. These fellowships are intended to familiarize scientists from Partner countries with the market economy and industrial research. The same eligibility conditions apply to NATO Industrial Fellowships as to NATO Science Fellowships (see section below). The fellowships will be held at a Canadian university (under the supervision of an NSERC grantee), but fellows are expected to spend a minimum of 20 percent of their time at a collaborating company on activities related to their research project. A company is eligible to co-sponsor a fellow if it is either federally or provincially incorporated in Canada, or wholly Canadian-owned; operates on a for-profit basis; is engaged in R&D activities based, to a significant extent, on technology derived from the natural sciences or engineering; and maintains appropriate research facilities (e.g. laboratories, computing equipment) on the company premises. Preference will be given, when possible, to SMEs.

Duration of the fellowships

Fellowships are awarded for periods of six months, one year or two years. Funding is subject to satisfactory progress and availability of funds. Candidates may hold only one NATO Fellowship offered by NSERC.

Value of the fellowships

The NATO Science Fellowships provide an annual stipend of $28,000 Canadian (prorated for awards of six months). The host institution (for Industrial Fellowships, the industrial partner) must provide an additional $5,000 annualized, so that the total value of the fellowship is $33,000 per year. A travel allowance is also provided for the fellows. Travel allowances for family members (i.e.,

spouse and dependent children) are available only if the fellowship is held for one or two years.

The stipend is subject to Canadian income tax.

It is expected that fellows will return to their home country upon completion of the award.

Eligibility

Candidates must be citizens of one of the countries listed above and must not be Canadian citizens or permanent residents of Canada.

Candidates must engage in full-time postdoctoral research in one of the fields of research supported by NSERC and be supervised by an NSERC award holder.

Candidates must hold, or expect to receive by the time the award is taken up, a doctorate from a recognized university outside Canada, in one of the fields of research supported by NSERC. Applicants must have obtained their first Ph.D.-equivalent degree no more than two years before the deadline date of the year in which they apply.

If candidates have withdrawn from the work force and active research for at least one year after having received their doctorate, for maternity leave or to raise a child, NSERC will extend this eligibility period to six years.

Preference will be given to emerging rather than established researchers. Candidates who have applied for a NATO Science Fellowship with NSERC twice before are not eligible to apply for a third time.

Fellows must be able to function effectively in either an English- or French-speaking environment.

Applicants already at a Canadian university cannot submit an application for a fellowship at the same university.

Application Procedures

Candidates do not apply directly to NSERC but must be nominated by the proposed supervisor and the host university. Prospective candidates should contact the university at which they propose to hold the award to obtain the deadline for submitting a NATO Science Fellowship application to the university. There is only one competition a year. Nominations for NATO Science Fellowships from Canadian universities must be received by NSERC no later than October 1.

To apply, the candidate must submit the following to the proposed supervisor in time to meet the university deadline date:

- an Application for an NSERC Scholarship or Fellowship (Form 200); and
- a copy of the Ph.D. or equivalent diploma.

Applicants who have not completed all requirements for their degree at the time of the application must submit a letter from their department head that states the expected date of completion of the doctoral degree.

A candidate may be nominated by only one Canadian university. The proposed university must be specified in the application.

The proposed Canadian supervisor must submit the nomination for a NATO Science Fellowship to NSERC (see instructions to Form 200).

For the Industrial Fellowships, a letter from the collaborating company confirming its contribution must also be submitted, with a description of the research facilities to which the fellow will have access and the name of the proposed supervisor at the company.

Each university (via the university's research office or other authorized office) selects the candidates it deems to be of sufficient quality to nominate to NSERC for fellowships. There are no application quotas. Departments nominating more than one candidate must rank these in terms of priority.

Review Procedures and Selection Criteria

Applications for NATO Science Fellowships and NATO Industrial Fellowships are evaluated in the same competition.

Applications are assessed according to the following criteria:

- research ability and potential of the candidate as demonstrated by research or other technical experience and contributions to research and development, [1] and assessment by the current supervisor (Appendix 1 of Form 200);
- merit of the proposed research program;
- appropriateness of the location of tenure (including the industrial organization, where applicable) and supervisor to carry out the proposed research program;
- potential for long-term collaboration and benefits to the university, to Canada and to the fellow; and
- communication skills of the candidate.

Preference will be given to candidates who have not previously held a NATO Advanced Fellowship in another NATO country and to candidates applying directly from an eligible country, i.e., preference over eligible candidates applying from another country in which they may be residing at the time of application.

There are no award quotas by university or by country of origin of fellows.

Successful candidates are notified of the decision in February. Awards must be taken up by **July 1.**

To hold an award, the fellow must be engaged in full-time research at an eligible institution.

[1] Contributions as demonstrated by publications in some foreign journals may be difficult to evaluate. The impact of these contributions and quality of the journals should be explained by the proposed supervisor.

NSERC CRSNG **Program Guide**

Japan Society for the Promotion of Science (JSPS) Fellowships

Value	How to apply
Contact NSERC for more information on this fellowship.	No Form
Program Contacts	

The Japan Society for the Promotion of Science (JSPS) has established the JSPS Postdoctoral Fellowships for Foreign Researchers. A limited number of promising young researchers are given the opportunity to conduct research in Japanese universities and in designated research institutions and laboratories. NSERC is responsible for selecting Canadian nominees for JSPS Fellowships.

For more information about these fellowships, write to:

JSPS Fellowships
Scholarships and Fellowships Division
Natural Sciences and Engineering Research Council of Canada
350 Albert Street
Ottawa, Ontario K1A 1H5
Telephone: (613) 996-2009

You may also refer to the Japan Society for the Promotion of Science Fellowships Web site for further details on the JSPS Postdoctoral Fellowships for Foreign Researchers.

NSERC CRSNG **Program Guide**

University Faculty Awards

What is the goal of the program?

The goal of the University Faculty Awards program is to decrease the under-representation of women and Aboriginal peoples in faculty positions in the natural sciences and engineering by encouraging Canadian universities to appoint very promising researchers in those groups to tenure-track or tenured positions in science and engineering.

> **Note**
> For the purposes of this competition, Aboriginal peoples are defined as Indians, Inuit or Métis. Eligibility must be established either through official documentation (Indian card, Band/Treaty number, or enrolment as a beneficiary of a land claim agreement), or by demonstration of involvement and acceptance as an individual of Aboriginal ancestry within the existing Aboriginal community.

Are you eligible for a faculty award?

To be considered eligible for support you must:

- be a Canadian citizen, or a permanent resident of Canada, as of the nomination deadline date; and
- be a woman or Aboriginal person who holds a doctorate in one of the fields of research that NSERC supports; *or*
- expect to have completed all the requirements for such a degree, including your thesis defence, by the proposed date of appointment.

In addition, you must...

- have relevant experience following receipt of your doctorate as required by the university for an appointment at the rank of at least assistant professor in your discipline;
- be nominated by a Canadian university that is eligible for NSERC awards. Nominations submitted directly to NSERC by individuals will not be accepted (you must first contact the university of your choice);
- have been offered, at the time of nomination, a tenured or tenure-track appointment effective only on the start date of the award. This appointment may be conditional upon receipt of the award.

Who is not eligible?

You are **not** eligible if:

- you already hold a tenured or tenure-track position in a Canadian university;
- you previously held a tenured or tenure-track position in a Canadian university; or
- you intend to take up a tenured or tenure-track position at any Canadian university prior to the start of the award.

You can accept an offer of a tenured or tenure-track position before the nomination deadline date; however, you must **not** have taken up your appointment prior to the start date of the award.

Where can you hold your award?

University Faculty Awards are tenable at a Canadian university/institution whose eligibility is recognized by NSERC. The university/institution must offer an appointment that will provide the award holder all the privileges extended to a regular faculty member.

What is the duration of the award?

If you are a successful applicant, NSERC will contribute to your salary for a **maximum of 60 months**. The initial appointment is for **36 months**. Renewal for an **additional 24 months** depends on a satisfactory evaluation by the university and NSERC. The continuing support will be subject to:

- your continuing to meet the program's eligibility criteria and objectives;
- the university submitting a report to NSERC at the end of the third year;
- a satisfactory review by the UFA Selection Committee; and
- the availability of funds.

An award may be terminated by NSERC at any time if your progress is considered unsatisfactory or if you no longer meet the eligibility requirements of the program.

Terms and conditions

- For the duration of the award, University Faculty Award holders will be employees of the university where they hold the award. Their activities will be governed by the same terms and conditions of employment as regular faculty employees who are engaged in similar work, and by other conditions the university imposes. **Note exception:** UFA holders may teach no more than one full course per year and accept no more than a half service or administrative load.
- UFA holders are responsible for negotiating such matters as research plans, salary, teaching and administrative duties, provision of research facilities, and fringe benefits with the university at the time of nomination.

Nature of appointment

- UFA holders are expected to devote the majority of their time to research and to participate in the supervision of both undergraduate and graduate student research.
- During their appointment, UFA holders are encouraged to collaborate and interact with others in the university, government, and industrial sectors. However, receipt of the award means that they have been judged as being capable of performing research at least at the level achieved by a new assistant professor in their discipline; therefore, UFA holders may not conduct their research under the direction of a more senior colleague.

University obligations

- The university is expected to give UFA holders a tenured or tenure-track position with status and privileges equivalent to that of a faculty member and to remunerate them at the level of a faculty member with equivalent qualifications, experience and responsibilities. The university's normal probationary period should apply even though teaching and service load are reduced.
- The university **must** provide assistance (teacher assistants) in circumstances where the award holder is required to teach a very large group of students (i.e., undergraduate courses).

Salary

- The salary, determined by the university, should be comparable to that offered to other academic faculty with similar qualifications, experience, and responsibilities. Award holders should be paid in accordance with the university's normal practices.
- Fringe benefits should be comparable to those of other university faculty employees.
- Award holders should receive the salary increments and merit increases to which they are entitled as faculty members under the existing salary policy of the university.
- NSERC will not approve the award if it determines the salary contribution from the university to be inadequate.

Payment of awards

Confirmation from the university of your appointment to a tenured or tenure-track position (i.e., letter of offer), including the nature and duration of the appointment, the effective start date of the appointment, your annual salary, and your teaching and administrative load is required before payment can be made. NSERC's financial contribution to the salary will be sent to the university.

Research Grant support

You will also receive a Research Grant for the duration of the appointment, subject to the availability of funds. The initial Research Grant will be for three years. The Grant Selection Committee in each discipline will determine the value of the grant. The rules governing the use and administration of this grant are described in the *NSERC Researcher's Guide*.

You must apply for renewal of Research Grant support for the fourth and fifth years of the award by November 1 of the third year. At that time, grant support for four years may be requested. The guaranteed minimum value of the Research Grant for the duration of the award will be based on the average grant given to new applicants reviewed by the Grant Selection Committee.

NSERC Research Grants may not be used to pay fringe benefits, or any part of your salary.

Candidates to the UFA program may also apply for Equipment Grants if needed.

Additional information on Research and Equipment Grants can be found in the *NSERC Researcher's Guide*.

Nomination and appointment procedures

NSERC will accept nominations made only by universities. The nomination **must** be endorsed by the president of the university or his or her representative. It should address, in particular, the need for female or Aboriginal representation in the discipline as well as the university's support of, and commitment to, the candidate. If you are interested in this award, you should contact the Canadian universities where you would like to hold the award and negotiate the details of a position. It must be noted that only **one** university can submit your nomination to NSERC. If more than one university is interested in nominating you for an award, you must choose the university you want to submit your nomination.

You are responsible for advising this university, and all the other universities you have contacted, of your decision. Note that you will not be permitted to transfer the award from one university to another.

The nomination must include:

- five copies of the Rationale for University Nomination (including original). This free-form document is prepared by the university, and must address clearly and in detail the "Institutional commitment" and "Need for female or Aboriginal representation in the discipline" criteria described below;
- eight copies of Form 100, *Personal Data Form* (including original);
- eight copies of Form 101, *Application for a Grant* (including original)
- the appropriate number of sets (separate envelopes bearing the candidate's name) of 4 reprints/preprints of publications most representative of the candidate's work and/or relevant to the proposed research (Please see the "Summary of Requirements for Samples of Contributions" in the instructions for completing Form 101 for a Research Grant); and
- where applicable, a justification by the university for the nomination of a candidate remaining at the university where the doctoral degree or postdoctoral experience was obtained (such justification may include family or scientific reasons). In particular, the university must address the ability of the candidate to function as an independent researcher while remaining at the same institution.

There is no limit to the number of nominations that an individual university may make. However, the total number of awards that NSERC will make each year is limited. NSERC does not reserve a quota of awards for any university, and there are no quotas for specific research disciplines. If there is more than one nomination from a department or discipline at a university, the incremental value of each appointment should be addressed in the nomination document. NSERC reserves the right to limit the number of awards held in a given university.

NSERC strongly encourages universities to follow their customary recruiting practices in order to identify potential nominees.

Universities are responsible for directly informing candidates whose nominations are not being forwarded to NSERC.

Application deadline

The Scholarships and Fellowships Division of NSERC must receive all nomination documentation by November 1. The Council will not accept any documentation after this date.

Review procedures and selection criteria

The NSERC UFA selection committee reviews all nominations for faculty awards, with input from the relevant Grant Selection Committee and external reviewers. Any candidate that is not recommended for a research grant by the relevant GSC will not be considered further for a UFA. The selection committee evaluates and selects candidates for university faculty awards according to the following criteria. These criteria are given the following weightings in the selection process: excellence of the individual plus merit of the research program (40% total); need for female or Aboriginal representation in the discipline (40%); institutional commitment (20%).

- **Excellence of the individual:**
  - diversity of educational and research background;
  - evidence of proven or potential research aptitude; and
  - previous university, industrial, or other work experience and its relevance to the candidate's proposed activities.
- **Merit of the research program:**
  - the anticipated scientific or engineering significance of the proposed work in the field of research;
  - originality of the proposed research;
  - clarity and scope of objectives;
  - clarity and appropriateness of methodology;
  - suitability of the candidate's background to the proposed research;
  - evidence of the candidate's familiarity with the literature;
  - appropriateness of the proposal for the training of highly qualified personnel;
  - justification of budgetary needs in relation to the proposed work; and
  - special needs related to the nature of collaborative activities or infrastructure costs such as user fees.
- **Need for female or Aboriginal representation in the discipline:**
  - university's justification of how hiring a woman or Aboriginal person in a particular discipline or field will meet the goal of the UFA program in the context of the overall representation of women or Aboriginal peoples in the area;
  - global statistics on the proportion of women or Aboriginal peoples within the undergraduate, graduate and professorial levels within the discipline on the national as well as on the departmental level; and
  - the impact of the appointment to the faculty of their institution of an additional woman or Aboriginal person on the discipline as a whole, on the nominating department and in terms of the under-representation of women or Aboriginal peoples in the discipline.
- **Institutional commitment:**
  - nature and terms of appointment:
    - tenured or tenure-track;
    - assistant, associate, full professor;
    - conditional/unconditional on award of NSERC UFA; and
    - duration;
  - description of the university's normal hiring procedures and the selection process used for the appointment of the nominee
  - nominee's salary (i.e., amount, how it was determined and how it compares to that of a faculty member with equivalent qualifications/experience/responsibilities);
  - university's financial contribution towards the cost of the research program and start-up facilities, including provisions for graduate student and technical support;
  - provision by the university/department for appropriate mentoring of the nominee following her/his appointment in order to facilitate her/his integration into departmental activities;
  - availability of space and basic facilities needed to carry out the proposed work (e.g., office space, laboratory space, animal care facilities, etc.);
  - availability and accessibility of research equipment needed to carry out the proposed work;
  - teaching load (i.e., hours/week, course level, anticipated course enrolment, how teaching load compares with standard load for new faculty and for the department as a whole) and provisions for teaching assistants; and
  - adequacy of the nominee's proposed integration and participation in the department's and university's activities:
    - administrative load (e.g., number of hours, nature of duties, etc.);
    - supervision of graduate and senior undergraduate students; and
    - potential for collaboration of the candidate with other members within the faculty or department, industry, and/or government, as required to carry out the proposed work/research program.

Notification of decision

NSERC will announce the results of the annual UFA competition in March by notifying all nominees and universities of the results in writing. NSERC will not provide results by telephone. The university and the successful nominees will receive a copy of the *Guide for University Faculty Award Holders and Administrators*. This publication provides information concerning the regulations pertaining to the award.

NSERC may also publish the names of award recipients on its Web site. For more information, refer to Appendix 2.

Date of tenure for the award

You may take up your award at any time between April 1 and September 1 of the year of the award, subject to mutual agreement with the university making the appointment. Before you can take up your award, you must have completed all the requirements of your doctoral degree. This includes successful defence of your thesis and acceptance of any required revisions. The office of the Dean of Graduate Studies must submit a confirmation of completion of your doctoral degree to NSERC.

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Policies & Guidelines

The *Access to Information Act* and the *Privacy Act* (ATIP)

- The *Access to Information Act*
- The *Privacy Act*
- Use and Disclosure of Personal Information Provided to NSERC

Requirements for Certain Types of Research

- Research Involving Human Subjects
- Research Requiring the Use of Animals
- Alternatives to the Use of Animals
- Research Involving Biohazards
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Tri-Council Policy Statement: *Integrity in Research and Scholarship*

- Principles and Responsibilities
- Procedures for Promoting Integrity and for Preventing and Addressing Misconduct in Research

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The *Access to Information Act* and the *Privacy Act* (ATIP)

The *Access to Information Act* (ATI) gives Canadian citizens and people present in Canada a limited right of access to information in federal government records. The *Privacy Act* gives these same individuals a limited right of access to personal information about themselves held in government records and sets out rules and fair practices for the management of personal information by federal institutions. All information collected by NSERC is subject to these laws.

The *Access to Information Act*

A requester seeking access to records under ATI must write to the ATIP Co-ordinator at NSERC providing a precise description of the records sought and enclosing an application fee ($5.00 at the time of this writing. **Note:** there is no fee required to request information about yourself under the *Privacy Act*. See below.)

The submission of a request does not guarantee that a requester will gain complete access to the requested records.

The Act sets out specific exceptions that apply when disclosure of information could be expected to injure private or public interests. In responding to such requests, for example, NSERC would not disclose personal information about identifiable individuals or proprietary technical information submitted in confidence by researchers or companies. Moreover, if a request required a lengthy search or involved a large number of records, a requester can be asked to pay additional fees to help cover the processing costs.

More information about the Act can be obtained from NSERC's ATIP Co-ordinator or from the publication *Info Source*, a register of federal information holdings available in most large libraries. It is important to remember that the ATI Act is intended to complement, not replace, established channels of communication. NSERC has always promoted open informal communication with the research community and with the public. We encourage you to contact us informally before using the Act.

The *Privacy Act*

The *Privacy Act* gives people in Canada certain rights with respect to personal information about them held by federal institutions. For example, institutions must inform people how their personal information will be used and to whom it will be disclosed. Personal information may be used only for the purposes for which it was originally collected or for uses consistent with that purpose. The Act also contains a procedure for requesting the correction of inaccuracies in personal information.

Making a request under the *Privacy Act* is similar to making one under ATI except that there are no fees associated with requests to see one's own personal information. The *Privacy Act* sets out limits to the right of access similar to those contained in ATI. For example, a person seeking access to his or her personal information would not be given access to personal information about another person.

You do not have to use the *Privacy Act* to obtain feedback on your NSERC application or to access personal information about you held in NSERC files. Simply write informally in the first instance to the appropriate program section.

And please remember that under the *Privacy Act*, the written opinion of a reviewer about your application is available to you, but the name of the reviewer is not.

Use and Disclosure of Personal Information Provided to NSERC

All personal information collected by NSERC about grant, scholarship and fellowship applicants is used to review applications, to administer and monitor awards, and to promote and support research in science and engineering in Canada. Consistent with these purposes, applicants should also expect that information collected by NSERC may come to be used and disclosed in the following activities.

NSERC routinely shares summary information related to applications and awards with relevant officials in the eligible research institutions that endorse and/or administer them.

As part of the peer review process, applications are disclosed to selection committees composed of experts recruited from the academic, private and public sectors. Many applications are also transmitted to external referees, to members of ad hoc review committees or to site visit committees for review. All participants in these review activities are advised of NSERC's expectations with regard to the confidentiality and protection of the information entrusted to them.

The substance of expert reviews and selection committee comments about a proposal are accessible to co-applicants. Although NSERC normally provides such feedback only to the applicant, he or she is expected to share it with co-applicants.

NSERC uses personal information about applicants in its files and databases to identify prospective committee members and reviewers for specific applications.

Because NSERC has a single corporate database, staff are generally aware of applications submitted by the same individual to different NSERC programs. For the purposes of adjudication and award administration, some selection committees are provided with multi-year summaries of an individual's applications and awards in all programs. In cases where, for example, there is a question of possible overlap in the support of an applicant's research activities by two or more NSERC programs, application material submitted to one program may be used during the review of an application submitted to another program.

Applications and documentation submitted to a program in which research support is offered by NSERC in conjunction with another federal government institution may be disclosed to appropriate officials in the other institution.

Applications submitted to NSERC are reviewed as required under the *Canadian Environmental Assessment Act*. Portions of the application (Form 101 and Appendices A and B) may be sent to federal government departments for review as required by the Act. (**Note**: This does not apply to scholarship and fellowship applicants.)

Applications may be disclosed to program staff in the Social Sciences and Humanities Research Council or the Canadian Institutes of Health Research for the purposes of determining the most appropriate funding jurisdiction or to monitor overlap in federal support.

NSERC routinely publishes and disseminates certain details about successful applications, including the name of the applicant, amount awarded, institution and department (for scholarship and fellowship holders, the proposed location of tenure), the field of research, the project title, and, for grant programs, a summary of the research proposal prepared by the applicant for public release. For scholarship and fellowship programs, this information will be made publicly available immediately after the competition, even though NSERC recognizes that some awards will be subsequently declined or deferred. The information will normally be published on this Web site.

Files and databases containing personal information may also be used by NSERC for program planning, evaluation and review and in audits, and for generating statistics for these activities.

Information submitted to NSERC is subject to the Tri-Council Policy: *Integrity in Research and Scholarship* and may be used and disclosed consistent with that policy.

NSERC collects data on a voluntary basis on the gender of applicants and on whether applicants belong to certain designated minority groups. This data is not used in the peer-adjudication process. It is used for statistical purposes and to promote the increased participation of women and members of designated groups in NSERC programs and on NSERC committees.

NSERC also collects data on the language capability of individuals. This data is not used in the peer-adjudication process. It is used to ensure that individuals who are eventually consulted as peer reviewers have the language capability to adequately review a given application.

NSERC uses the information in its files and databases to generate mailing lists in order to disseminate its publications and other information to the research community.

To file a formal request, or for more information on the Acts, contact:

ATIP Coordinator
NSERC
350 Albert Street
Ottawa, Ontario K1A 1H5
Telephone: (613) 995-6214
Facsimile: (613) 992-5337
E-mail: victor.wallwork@nserc.ca

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Requirements for Certain Types of Research

Research Involving Human Subjects

NSERC and the two other federal granting agencies, CIHR and SSHRC, have adopted a revised policy statement governing research involving human subjects. (See Tri-Council Policy Statement: *Ethical Conduct for Research Involving Humans*.)

NSERC requires a review of the ethical acceptability of research involving human experimentation. Postsecondary and other research institutions and applicants must apply the ethical principles and the articles of the Tri-Council Policy Statement in order to be eligible for agency funding.

Applicants must obtain appropriate certification indicating that research involving human subjects has been reviewed and has received the required approval.

The signature of the institutional authorities on the grant application signifies that the institution fully complies with the Tri-Council Policy Statement and agrees to release funds only to researchers who have the necessary certification.

If, during the course of a grant, the research changes enough to require certification, NSERC must be informed promptly and the appropriate certification must be obtained within the institution.

NSERC monitors adherence to these procedures as part of its regular monitoring visits.

Research Requiring the Use of Animals

Researchers who use animals in their research – any vertebrates and certain invertebrates, in particular, cephalopods (octopi and squid) – must adhere to the policies and guidelines of the Canadian Council on Animal Care (CCAC) as published in the two-volume *Guide to the Care and Use of Experimental Animals*, which can be obtained from the Director of Animal Care at the institution or from:

Canadian Council on Animal Care
350 Albert Street
Suite 315
Ottawa, Ontario K1R 1B1

Guidelines and other information can also be found on the CCAC Web site.

Institutions must hold a Good Animal Practice (GAP) certificate. This will certify compliance with the CCAC guidelines for the provision of adequate facilities to house and care for animals and to maintain local animal care committees for assessment and control of animal experimentation. Failure to comply with the guidelines could ultimately lead to the freezing of NSERC funds at the institution.

Applicants must obtain certification from the animal care committee at the institution that the experimental procedures proposed have been approved and that the care and treatment of animals is in accordance with the principles outlined in the CCAC guide.

The signature of the institutional authorities on the grant application signifies that the institution agrees to release funds only to researchers who have the necessary certification.

If, during the course of a grant, the research changes enough to require certification, NSERC must be informed promptly and the appropriate certification must be obtained within the institution.

NSERC monitors adherence to these procedures as part of its regular monitoring visits.

Alternatives to the Use of Animals

Research activities aimed at developing alternatives to the use of animals are eligible for NSERC support. Researchers who use animals for experiments are encouraged to use alternative methods when available.

Research Involving Biohazards

Researchers who are conducting, or propose to conduct, research involving biohazards must adhere to the standards outlined in the *Laboratory Biosafety Guidelines* (1996), which can be obtained from:

Office of Biosafety
Population and Public Health Branch
Health Canada
Ottawa, Ontario K1A 0L2
Telephone: (613) 957-1779
Facsimile: (613) 941-0596
Internet address: www.hc-sc.gc.ca.

Applicants must obtain certification from the biosafety committee at the institution that the laboratory procedures being used comply with the safety precautions necessary for the level of containment required by the research.

The signature of the institutional authorities on the grant application signifies that the institution agrees to release funds only to researchers who have the necessary certification.

If, during the course of a grant, the research changes enough to require certification, NSERC must be informed promptly and the appropriate certification must be obtained within the institution.

NSERC monitors adherence to these procedures as part of its regular monitoring visits.

Research Involving Radioactive Materials

Applicants carrying out research using radioactive materials must comply with all Canadian Nuclear Safety Commission (CNSC) regulations, recommended procedures, and safety precautions governing the use of such materials in Canada. This information is available on CNSC's Web site, or by calling 1-800-668-5284.

Research Activities Having Potential Effects on the Environment (Note: This section does not apply to students and fellows.)

NSERC is subject to the *Canadian Environmental Assessment Act* (CEAA). This law requires that federal departments and agencies must carry out environmental assessments, if needed, to ensure that projects they fund are not likely to cause significant adverse environmental effects.

All applicants must complete the declaration on the first page of Form 101 (Application for a Grant, Part I). If any of the research activities described in the proposal take place outdoors or involve an activity that requires a permit, licence or approval under any federal law, the applicant must complete Appendices A (Environmental Impact) and B (CEAA Pre-Screening Checklist).

In Appendix A, the applicant outlines activities in the proposal that might have an effect on the environment. The applicant provides a brief description of the activities, the environmental elements that may be affected by these activities, the nature of the effects, and the mitigation measures, if required. In Appendix B, the applicant checks off all boxes that apply to the proposal.

Once the proposal is submitted to NSERC, staff will review Form 101 and Appendices A and B.

If NSERC determines that a screening under the Act is required, NSERC will contact the applicant. For further information, please read the detailed instructions on Completing Appendices A and B –

Form 101.

Grant holders must advise NSERC promptly and provide a completed Appendix A and Appendix B, if, during the course of a grant, the nature of the research activities change substantially and may result in adverse effects on the environment.

Researchers are responsible for ensuring that research assistants and laboratory personnel are aware of any hazards (e.g., handling of chemicals, diving, etc.) that may be encountered in the course of the research. Personnel must be adequately trained, and appropriate protective procedures must be enforced.

Access to Special Services or Facilities

Applicants whose research requires the services or facilities of a government agency (e.g., ship time, beam time, transportation, use of towers, platforms, etc.) must outline in their application the steps taken to ensure the availability of services. Indicate whether approval has been granted and whether funds are being requested from NSERC for this purpose. If so, costs should be clearly documented.

Researchers requiring ship time should contact NSERC directly for information on application procedures, and submit a Ship Time Request Form (Form 128) as follows:

- Research Grants – by October 1
- project grants (i.e., Strategic, Research Networks) – with the project application (include the funds requested in the project budget)

Licences for Research in the Yukon, the Northwest Territories and Nunavut

All researchers doing research in the Yukon, the Northwest Territories and Nunavut must be licensed. The licence requirements apply to all government, university or private-sector research. Northern-based researchers and members of northern communities must comply with licensing requirements. Those working on projects led by government researchers must ensure that all procedures have been followed to obtain licences. Failure to comply with the regulations may result in refusal of permission to publish data under terms of intellectual property rights and land claims legislation.

Sometimes, land-use permits or other types of licences issued to researchers may require an environmental assessment. If this is the case, please inform NSERC's Environmental Assessment Unit immediately at enviro.assess@nserc.ca. (**Note:** This does not apply to students and fellows.)

Information about licence requirements for research in the Northwest Territories may be obtained from:

Manager Research Services
Aurora Research Institute
Box 1450
Inuvik, Northwest Territories X0E 0T0
Telephone: (867) 777-3298
Facsimile: (867) 777-4264
E-mail address: valw@inuvik.net
Internet address: www.nwtresearch.com

Information about licence requirements for research in Nunavut may be obtained from:

Manager, Research Liaison
Nunavut Research Institute
P.O. Box 1720
Iqaluit, Nunavut X0A 0H0
General Telephone: (867) 979-6734
Telephone: (867) 979-4660
Facsimile: (867) 979-4681
General e-mail address: iqrcnri@nunavut.com
E-mail address: slcnri@nunanet.com
Internet address: www.nunanet.com/~research

Information about licence requirements for research in the Yukon may be obtained from:

Director, Department of Tourism
Heritage Branch
Government of Yukon
Box 2703
Whitehorse, Yukon Y1A 2C6
Telephone: (867) 667-5386
Facsimile: (867) 667-8023
E-mail address: jeff.hunston@gov.yk.ca
Internet address: yukonheritage.com

Research in the North should be governed by a set of ethical principles (see *Ethical Principles for the Conduct of Research in the North*, Association of Canadian Universities for Northern Studies 1998). Communities in the North are fully advised on their rights with respect to research on their land, e.g., *Negotiating Research Relationships: A Guide for Communities* (prepared by the Nunavut Research Institute and Inuit Tapirisat of Canada 1998). Researchers should consult these documents and contact the above addresses to get more information on licensing procedures. Do not direct enquiries to NSERC.

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Support of Research in Psychology

The field of psychology is supported by the three granting agencies as follows.

NSERC considers applications that relate to fundamental psychological processes, their underlying neural mechanisms, their development within individuals, and their evolutionary and ecological context. Fundamental processes are understood to include:

- sensation and perception;
- sensorimotor integration;
- motivation, emotion, and reward;
- learning and memory;
- cognition and language; and
- sleep, arousal, and the chronobiological modulation of behaviour.

NSERC also considers applications concerning statistical methods for analysis of psychological data.

Clinical psychology programs are not normally eligible for NSERC support.

SSHRC considers applications in the broad area of social psychology. A detailed description of the areas that fall under the jurisdiction of SSHRC is published by that agency. These currently include, but are not necessarily limited to:

- experimental social psychology: social behaviour in an experimental setting including the dynamics and processes of interpersonal relations; behaviour in small and large groups; interpersonal influence;
- communication: interpersonal communication; social aspects of psycholinguistics; socio-linguistics and ethnolinguistics; mass media effects;
- social processes and social issues: the examination of social phenomena in a natural setting from a psychological perspective;
- personality: human personality traits and processes and their behavioural manifestations, including emotions and non-pathological emotional reactions; defence mechanisms, cognitive style, creativity, self concept, self perception, and the measurement of these traits;
- developmental psychology: children's social and personality development, social behaviour and personality in adulthood and aging;
- educational psychology: educational research pertaining to both normal and special populations; school learning and prediction of achievement;
- history and philosophy of psychology and psychological analysis of historical figures;
- theory and method: studies of a theoretical or methodological nature; and
- applied psychology: projects in the areas of organizational and industrial psychology, and environmental psychology.

CIHR considers applications for support of research on normal and abnormal psychological processes with clear and direct relevance to human health. This includes research on behavioural aspects of physical health and disease or mental health and disorders.

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Tri-Council Policy Statement: *Integrity in Research and Scholarship*

As the major federal sources of funds for research and scholarship in academic institutions, the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC), and the Social Sciences and Humanities Research Council (SSHRC) are committed to the highest standards of integrity in research and scholarship.

The Councils have therefore undertaken to define their policies and expectations with regard to integrity, in a manner consistent with encouraging the highest standards of research and scholarship. The Councils regard any action that is inconsistent with integrity as misconduct.

Integrity in research and scholarship includes the principles listed below, which should be interpreted with the understanding that research can involve honest error, conflicting data or valid differences in experimental design or in interpretation or judgment of information.

These principles of scientific integrity overlap with other areas, such as financial integrity in the use of research funds and the ethical issues involving the use of human or animal subjects in research, in which the Councils have established guidelines and requirements. This document is concerned only with scientific integrity and does not replace any other statements from the Councils on other areas with which this issue may overlap.

Principles and Responsibilities

1. The Councils hold researchers and scholars receiving Council funds responsible for upholding the following principles:
   a. recognizing the substantive contributions of collaborators and students; using unpublished work of other researchers and scholars only with permission and with due acknowledgement; and using archival material in accordance with the rules of the archival source;
   b. obtaining the permission of the author before using new information, concepts or data originally obtained through access to confidential manuscripts or applications for funds for research or training that may have been seen as a result of processes such as peer review;
   c. using scholarly and scientific rigour and integrity in obtaining, recording and analysing data, and in reporting and publishing results;
   d. ensuring that authorship of published work includes all those who have materially contributed to, and share responsibility for, the contents of the publication, and only those people; and
   e. revealing to sponsors, universities, journals or funding agencies, any material conflict of interest, financial or other, that might influence their decisions on whether the individual should be asked to review manuscripts or applications, test products or be permitted to undertake work sponsored from outside sources.
2. The Councils hold institutions that administer Council funds responsible for:
   a. promoting integrity in research and scholarship; and
   b. investigating possible instances of misconduct in research or scholarship, including:
      - imposing appropriate sanctions in accordance with their own policies; and
      - informing the appropriate Council(s) of conclusions reached and actions taken.
3. The Councils are responsible to the Government of Canada for ensuring that research funds administered by them are used with a high degree of integrity, accountability and responsibility.

Procedures for Promoting Integrity and for Preventing and Addressing Misconduct in Research

1. Researchers and Scholars

The primary responsibility for high standards of conduct in research and scholarship rests with the

individuals carrying out these activities. The Councils expect researchers and scholars receiving funds from the Councils to adhere to the principles detailed in the preceding section.

2. Research Institutions

The Councils hold institutions responsible for investigating allegations of misconduct involving researchers, trainees or research staff working with funds from the Councils. Promotion by the institutions of understanding of the issues involved in integrity in research and scholarship offers a valuable means of preventing misconduct.

a. Promoting Integrity in Research and Scholarship

Integrity in research and scholarship is best encouraged by developing awareness among all involved of the need for the highest standards of integrity, accountability and responsibility. Research institutions should provide an environment conducive to this goal, and actively promote programs for the education of researchers, scholars, trainees and staff.

The Councils encourage institutions that manage the Councils' funds to establish mechanisms to educate all who are involved in the collection, recording, citing, reporting and retention of scientific or scholarly material about their expectations for the highest standards of integrity.

Mechanisms for meeting this objective might include encouraging awareness of the issues involved and establishing policies on specific areas. Awareness might be encouraged by establishing information sessions on the principles and practices of scientific integrity for scientists, scholars, graduate students and other trainees, and research staff when they arrive in the institution and at regular intervals thereafter. Institutions are encouraged to develop policies on such areas as requirements for authorship for publications or applications, on copyrights and patents, and on the responsibilities for retention of data appropriate to the range of disciplines that they offer.

b. Investigating Allegations of Misconduct in Research and Scholarship

Allegations may arise from anonymous or identified sources within or outside the research institution; the allegations may be well founded, honestly erroneous or mischievous. Whatever their source, motivation or accuracy, such allegations have the potential to cause great harm to the persons accused, to the accuser, to the institution, and to research and scholarship in general. Each Council requires each research institution that administers its funds to demonstrate that appropriate impartial and accountable procedures have been established to:

1. receive allegations of misconduct in research and scholarship;
2. conduct and document appropriate enquiries within an established time period;
3. protect the privacy of the person(s) accused and of the person(s) making the allegations as far as is possible given the need for due process in pursuing the enquiry;
4. allow the accused person(s) due process and full opportunity to respond to the allegations throughout the enquiry through mechanisms consistent with due process and natural justice;
5. decide whether or not there has been misconduct;
6. determine the actions to be taken as a result of conclusions reached, including:
    - any sanctions imposed;
    - any actions taken to protect or restore the reputation(s) or credibility of any person(s) wrongly accused of, or implicated in, misconduct in research, including procedures to ensure that if the charges have been dismissed copies of documents and related files provided to third parties have been destroyed; and
    - any actions taken to protect the person(s) deemed to have made a responsible accusation;
7. inform the accused person(s) of the results of the enquiry and of the actions that have been decided upon; and
8. prepare a report on the above.

3. Research Funding Councils

Allegations of misconduct made to the Councils or to research institutions might involve past or present grantees or awardees of the Councils, or trainees or staff supported from their funds or working in laboratories receiving their funds. Such allegations might also arise from the peer review

processes of the Councils. Under provisions of the *Privacy Act*, the Councils may only transmit allegations of misconduct in research with the permission of the person making the allegations. The Councils will not transmit oral allegations to the institution, or otherwise act upon them, since these cannot be assessed or transferred accurately.

In the event that a Council, or one of its peer review committees, identifies evidence of misconduct as part of the peer review processes, the Council will request the institution(s) involved to carry out an enquiry and to inform the Council of the outcome.

The Councils request that institutions which have carried out enquiries of alleged misconduct in research or scholarship involving projects funded by the Councils provide the appropriate Council(s) with the report of their findings. The Council(s) will consider the report and may request clarification or additional information.

In cases in which misconduct is concluded to have occurred, the Council(s) will also consider imposing its/their own sanction(s) in relation to grants made to the individual(s) implicated, in accordance with Council policies. These sanctions may include, but are not limited to:

- refusing to consider future applications for a defined time period;
- withdrawing remaining instalments of the grant or award;
- seeking a refund of all or part of the funds already paid as a grant or award for the research or scholarship involved.

If such actions are being considered, the Council(s) will provide an opportunity for the person(s) involved to present a response.

The Council(s) will then inform the person(s) and the institution(s) involved of any impending sanction.

As agencies of the federal government, the Councils retain the right at any time to bring a case to the attention of the appropriate legal authorities.

NSERC Code Tables

- Research Subject Codes
- Area of Application Codes
- Industry/Products and Services Codes

Research Subject Codes

Updated: August 15, 2001

Select a "primary" and a "secondary" research subject from the list of "Research Subject Codes," and insert the numbers in the spaces indicated on the form.

1000	**CIVIL ENGINEERING**
1001	Construction engineering and management
1002	Geotechnical engineering (including engineering geology)
1003	Transportation engineering
1004	Survey engineering and remote sensing
1005	Hydraulic engineering
1006	Hydrologic engineering
1007	Water resources and supply
1100	**STRUCTURAL ENGINEERING**
1101	Structural loads and safety

1102	Steel: materials and structures
1103	Concrete: materials and structures
1104	Structural analysis
1105	Structural materials
1106	Offshore engineering
1107	Earthquake engineering
1200	**AGRICULTURAL ENGINEERING**
1201	Irrigation
1202	Agricultural waste management
1203	Agricultural power and machinery
1300	**FOREST ENGINEERING**
1301	Forest management
1302	Forest operations
1303	Wood science and engineering
1400	**MINING AND MINERAL PROCESSING**
1401	Mining engineering

1402	Mineral processing
1403	Rock mechanics
1500	**ENVIRONMENTAL ENGINEERING**
1501	Water quality, pollution
1502	Waste water treatment
1503	Air and noise pollution
1504	Solid waste management (including radioactivity)
1505	Bioremediation
1600	**INDUSTRIAL ENGINEERING**
1601	Operations research and management science
1602	Management information systems
1603	Logistics
1604	Manufacturing
1605	Human factors engineering
1606	Operations management
1700	**DESIGN AND MANUFACTURING**
	Engineering design

1701	
1702	Advanced manufacturing
1703	Occupational safety
1800	**CHEMICAL ENGINEERING**
1801	Reaction fundamentals and reactor design
1802	Biochemical engineering
1803	Thermodynamics
1804	Heat transfer
1805	Transport processes
1806	Separation processes
1807	Combustion
1808	Rheology and processing
1900	**BIOMEDICAL ENGINEERING**
1901	Biomedical technology
1902	Biomedical materials
1903	Biomechanics
2000	**MATERIALS SCIENCE AND TECHNOLOGY**

2001	Materials structure, properties and testing
2002	Materials processing/fabrication
2003	Metallurgy/metals/alloys
2004	Polymers and coatings
2005	Ceramics
2006	Biomaterials
2007	Composites
2008	Other materials
2009	Semiconductors
2010	Thin films/interfaces
2011	Optical materials
2012	Magnetic materials
2013	Superconductors
2014	Crystals
2015	Concrete

2016	Minerals
2017	Theoretical studies
2018	Synthesis
2100	**MECHANICAL ENGINEERING**
2101	Solid mechanics
2102	Dynamics
2103	Plasticity, creep
2104	Vibrations
2105	Hydraulics
2106	Stress analysis
2107	Modelling, simulation and finite element methods
2108	Aerospace, aeronautical and automotive engineering
2109	Mechanical systems and instrumentation
2200	**FLUID MECHANICS**
2201	Turbulence
2202	Multi-phase systems

2203	Modelling, simulation
2300	**FUEL AND ENERGY TECHNOLOGY (Economic Geology, use 4003)**
2301	Petroleum-based and fossil fuels
2302	Petroleum engineering, oil and gas recovery
2303	Other sources of energy (solar, wind, etc.)
2400	**NUCLEAR ENGINEERING**
2401	Reactor design and operation
2402	Radioactive materials
2500	**ELECTRICAL AND ELECTRONIC ENGINEERING**
2501	Power systems
2502	Electromagnetics, compatibility and interference
2503	Circuit theory
2504	Integrated circuits
2505	Photonic devices and networks
2506	Electronic circuits and devices
2507	Communications systems

2508	Communications networks
2509	Control systems
2510	Adaptive, learning and evolutionary systems
2511	Antennas and propagation
2512	Broadcasting
2513	Data communications
2514	Digital signal processing
2515	Electronic materials and components
2516	Energy conversion and distribution
2517	Industrial and power electronics
2518	Instrumentation and measurements
2519	Microelectronics
2520	Microwave and millimeterwave devices, circuits and technologies
2521	Mobile and personal communication
2522	Radar and navigation

2523	Semiconductor fabrication and packaging
2524	Ultrasonic / ferroelectric devices and applications
2525	Wireless communication systems
2600	**ROBOTICS**
2601	Robotic control and automation
2602	Flexible robots
2603	Computer vision
2604	Intelligent systems applications
2605	Pattern analysis and machine intelligence
2606	Systems, man and cybernetics
2700	**INFORMATION TECHNOLOGY**
2701	Computer hardware
2702	Computer systems organization
2703	Complexity
2704	Distributed and parallel processing
2705	Software and development

2706	Software engineering
2707	Graphics
2708	Image and video processing
2709	Other computing methods
2710	Information systems design
2711	Database management
2712	Theory of computation
2713	Algorithms
2714	Mathematics of computing
2715	Optimization
2716	Virtual reality and related simulations
2717	Modelling and simulation studies
2718	Communication and information theory
2719	Computer architecture and design
2720	Computer systems software
2721	Multimedia systems and networks

2722	VLSI systems
2800	**ARTIFICIAL INTELLIGENCE (Computer Vision, use 2603)**
2801	Natural language and speech understanding
2802	Logic programming
2803	Knowledge representation
2804	Expert systems
2805	Learning and inference theories
2900	**PURE MATHEMATICS**
2901	Classical analysis
2902	Complex and harmonic analysis
2903	Functional analysis and operator theory
2904	Operator algebra
2905	Non-linear and global analysis
2906	Differential geometry
2907	Lie theory
	Algebra

2908	
2909	Algebraic geometry
2910	Algebraic topology
2911	Set theory and general topology
2912	Logic
2913	Number theory
2914	Combinatorics
2950	**APPLIED MATHEMATICS**
2951	Continuum mechanics
2952	Linear and non-linear systems
2953	Wave propagation
2954	Asymptotics and applied classical analysis
2955	Numerical analysis
2956	Optimization and optimal control theory
2957	Mathematical biology and physiology
2958	Mathematical physics

2959	Mathematics of communications
2960	Mathematical modelling
3000	**STATISTICS AND PROBABILITY**
3001	Statistical theory
3002	Time series analysis
3003	Survey methodology
3004	Applied statistics
3005	Biostatistics
3006	Probability theory
3007	Stochastic processes
3008	Applied probability
3009	Parametric inference
3010	Nonparametric inference
3011	Multivariate analysis
3100	**PHYSICS**
3101	Atomic and molecular studies

3102	Nuclear physics
3103	Nuclear reactions and scattering
3104	Particle physics
3105	Intermediate energy reactions
3106	Weak interactions
3107	Plasma physics
3108	Experimental methods and instrumentation
3109	Acoustics
3110	Optics (see also photon devices 2505)
3111	Lasers
3112	Photonics
3113	Biophysics
3150	**THEORETICAL PHYSICS AND CHEMISTRY**
3151	Kinetic and transport theory of fluids, physical properties of gases
3152	Theory of elementary particles and fields
3153	Classical and quantum physics

3154	Relativity and gravitation
3155	Statistical mechanics and thermodynamics
3156	Quantum and/or computational chemistry
3200	**ASTRONOMY AND ASTROPHYSICS**
3201	Planetary and solar system
3202	Stellar
3203	Galactic
3204	Extra galactic and cosmology
3205	Instrumentation
3250	**SPACE SCIENCE**
3251	Planetary
3252	Upper atmosphere
3253	Space plasmas
3300	**CONDENSED MATTERPHYSICS**
3301	Superconductivity
3302	Electronic properties of solids

3303	Surfaces, interfaces and thin films
3304	Semiconductors
3305	Magnetic properties and magnetic materials
3306	Optical properties
3307	Transport properties
3308	Superfluids
3309	Low temperature physics
3310	Statistical mechanics and phase transitions
3311	Soft condensed matter
3312	Mesoscopic physics
3400	**PHYSICAL CHEMISTRY**
3401	Electrochemistry
3402	Surface and interfacial chemistry
3403	Spectroscopy
3404	Biophysical chemistry
3405	Catalysis, kinetics

3406	Photochemistry and photophysics
3407	Crystallography — physical chemistry
3500	**ANALYTICAL CHEMISTRY**
3501	Inorganic analytical chemistry
3502	Organic analytical chemistry
3503	Separation methods
3504	Bioanalytical chemistry
3505	Analytical spectroscopy
3600	**INORGANIC CHEMISTRY**
3601	Inorganic nonmetal chemistry
3602	Metal and organometallic chemistry
3603	Bio-inorganic chemistry
3604	Solid state inorganic chemistry
3605	Inorganic photochemistry
3606	Kinetics and mechanisms of reactions
3607	Catalysis

3700	**ORGANIC CHEMISTRY**
3701	Natural products
3702	Carbohydrates
3703	Organic syntheses
3704	Synthetic methodology
3705	Bio-organic chemistry
3706	Organic photochemistry
3707	Kinetics, reactive intermediaries and mechanisms of reactions
3750	**POLYMER CHEMISTRY**
3751	Polymer synthesis
3752	Polymer characterization
3753	Properties of polymers
3754	Biopolymers
4000	**EARTH SCIENCE (SEE ALSO Marine Geology 4604)**
4001	Mineralogy, crystal chemistry and crystallography
4002	Petrology, igneous and metamorphic geology

4003	Economic geology
4004	Petroleum geology
4005	Structural geology and tectonics
4006	Stratigraphy
4007	Sedimentology
4008	Sedimentary petrology, diagenesis
4009	Surficial, quarternary
4010	Paleontology, paleobiology
4011	Paleoclimatology
4012	Environmental geology
4013	Earth-systems science
4014	Planetary geology
4015	Geomorphology
4016	Mathematical geology
4100	**GEOGRAPHICAL INFORMATION**
4101	Cartography and geomatics

4102	Remote sensing
4103	Geographic information systems, global positioning systems
4150	**PHYSICAL GEOGRAPHY**
4200	**GEOCHEMISTRY AND GEOCHRONOLOGY**
4201	Environmental geochemistry
4202	Trace element geochemistry
4203	Organic geochemistry
4204	Geochronology
4205	Stable isotopes
4206	Aqueous (low temperature) geochemistry
4300	**GEOPHYSICS**
4301	Structure and dynamics of the earth's interior
4302	Seismology
4303	Paleomagnetism, rock and mineral magnetism
4304	Applied geophysics
4305	Geodesy

4306	Mineral physics
4307	Environmental geophysics
4400	**ATMOSPHERIC SCIENCE**
4401	Dynamic meteorology
4402	Boundary layer
4403	Biometeorology
4404	Climatology
4405	Atmospheric chemistry (including air pollution)
4500	**HYDROLOGY**
4501	Hydrogeochemistry
4502	Physical hydrology
4503	Surface water
4504	Groundwater
4505	Glaciology
4600	**OCEANOGRAPHY**
4601	Physical oceanography

4602	Biological oceanography
4603	Chemical oceanography
4604	Marine geology
4700	**EVOLUTION AND ECOLOGY**
4701	Animal ecology
4702	Aquatic ecology and limnology
4703	Behaviour
4704	Biogeography and landscape ecology
4705	Ecotoxicology
4706	Evolutionary theory
4707	Plant ecology
4708	Sociobiology and behavioural ecology
4709	Taxonomy, systematics and phylogenetics
4710	Terrestrial ecology
4711	Wildlife management
4712	Plant-animal interaction

4713	Chemical ecology
4714	Microbial ecology
4800	**SOIL SCIENCE**
4801	Soil physics
4802	Biology and microbiology
4803	Chemistry and mineralogy
4804	Fertility of soils
4900	**PLANT AND TREE BIOLOGY**
4901	Nutrition and metabolism, photosynthesis
4902	Stress physiology
4903	Plant growth and development
4904	Plant reproduction
4905	Silviculture
4906	Plant pathology
4907	Water and minerals in plants
4908	Crop and pasture production, breeding

4909	Plant morphology
5000	**GENETICS**
5001	Transmissional genetics
5002	Molecular genetics
5003	Developmental genetics
5004	Genome analysis
5005	Evolutionary genetics
5006	Cytogenetics
5007	Biochemical genetics
5008	Population genetics
5009	Genetic engineering
5100	**CELL BIOLOGY**
5101	Absorption and transport
5102	Inter-cellular communication
5103	Cell membranes
5104	Cell division

5105	Cell differentiation
5106	Extra-cellular matrix
5107	Cell secretion
5108	Cell movement
5109	Intra-cellular targeting
5110	Cytoskeleton
5111	Signal transduction
5112	Electrophysiology
5113	Chromosomes
5200	**MICROBIOLOGY**
5201	Bacteriology
5202	Virology
5203	Protozoology
5204	Immunology
5205	Mycology
5206	Bioremediation

5300	**MOLECULAR BIOLOGY**
5301	Gene structure
5302	Gene expression
5303	Gene regulation
5304	Molecular evolution
5305	Protein manipulation and expression
5400	**BIOCHEMISTRY**
5401	Immunochemistry
5402	Nucleic acids
5403	Proteins and peptides, amino acids
5404	Enzymes
5405	Lipids
5406	Carbohydrates
5407	Receptors
5408	Metabolism
5500	**ANIMAL BIOLOGY**

5501	Neurophysiology
5502	Kinesiology
5503	Endocrinology
5504	Animal physiology and metabolism
5505	Animal reproduction
5506	Animal circulation
5507	Animal respiration
5508	Parasitology
5509	Animal morphology
5510	Animal production and breeding
5511	Animal nutrition and husbandry
5512	Veterinary sciences
6100	**FOOD SCIENCE AND TECHNOLOGY**
6101	Food chemistry and analysis
6102	Food microbiology
6103	Food processing, packaging, preservation and storage

6300	**PSYCHOLOGY**
6301	Sensory systems and perception
6302	Sensory systems – visual
6303	Sensory systems – auditory
6304	Cognitive science – fundamental
6305	Cognitive science – development
6306	Cognitive science – language
6307	Cognitive science – other
6308	Behavioural neuroscience
6309	Behavioural neuroscience – learning
6310	Behavioural neuroscience – reward, motivation
6311	Motor systems and performance
6400	**LIFE SCIENCES RESEARCH RELATED TO HUMAN HEALTH AND DISEASE**
6401	Pathology
6402	Etiology

6403	Toxicology
6404	Pharmacology
6405	Ontogeny
6406	Epidemiology
6407	Nutrition
7000	**OTHER STUDIES IN NATURAL SCIENCES AND ENGINEERING**
7001	Management science and technology
7002	Science policy studies
7003	Renewable and non-renewable resources management
8000	**SOCIAL SCIENCES AND HUMANITIES**
9000	**MEDICAL SCIENCES**

Area of Application Codes

Select a "primary" and a "secondary" area from the codes listed below, and insert the numbers in the spaces indicated on the form.

100	**AGRICULTURE AND PRIMARY FOOD PRODUCTION**
101	Animal production and animal primary products
102	Animal management (animal diseases, breeding)
	Plant production and plant primary products

103	
104	Crop management (pest, disease control and breeding)
105	Farming: soil and water resources
106	Aquaculture
200	**NATURAL RESOURCES (Economic Aspects)**
201	Forestry (silviculture, forest management)
202	Mineral resources (prospecting, exploration, mining, extraction, processing)
203	Commercial fisheries
204	Oceans and inland waters
300	**ENERGY RESOURCES (Including Production, Exploration, Processing, Distribution and Use)**
301	Oil, gas and coal
302	Nuclear energy
303	Alternative energy resources
304	Electrical energy
305	Energy storage and conversion
306	Energy efficiency

400	**ENVIRONMENT**
401	Climate and atmosphere
402	Oceans, seas and estuaries
403	Inland waters
404	Land, solid earth, seabeds and ocean floors
405	Modelling and mathematical simulation of natural processes
406	Pollutants and toxic agents (Waste, use 902)
407	Conservation and preservation
408	Wildlife management
409	Environmental impact of economic activities (including agriculture)
500	**MANUFACTURING PROCESSES AND PRODUCTS**
501	Processed food products and beverages
502	Fibres and textiles
503	Wood, wood products and paper
504	Human pharmaceuticals

505	Veterinary pharmaceuticals
506	Agricultural chemicals (fertilizers, herbicides, pesticides)
507	Industrial chemicals (solvents, resins)
508	Polymers, rubber and plastics
509	Primary metal products (ferrous and non-ferrous)
510	Fabricated metal products
511	Ceramic, glass and industrial mineral products
512	Transport equipment
513	Electrical and electronic machinery and equipment (including computer hardware)
514	Communications equipment
515	Instrumentation technology
516	Mechanical machinery, heavy equipment (including farm, forestry, and construction equipment)
517	Consumer goods
518	Medical equipment and apparatus
	Other manufactured products and processes

519	
520	Production and operations management
600	**CONSTRUCTION, URBAN AND RURAL PLANNING**
601	Structural engineering
602	Materials performance
603	Construction methods
604	Surveying and photogrammetry
605	Land development
700	**TRANSPORTATION SYSTEMS AND SERVICES**
701	Ground (road and rail)
702	Water
703	Aerospace
800	**INFORMATION AND COMMUNICATION SERVICES**
801	Computer software
802	Information systems and technology
803	Computer communications
804	Communication systems and services (planning, organization, services)

805	Communications technologies (satellites, radar, etc.)
900	**COMMERCIAL SERVICES**
901	Sanitary engineering
902	Waste, waste management and recycling
1000	**NORTHERN DEVELOPMENT**
1001	Construction, transportation and communications
1002	Environment
1100	**HEALTH, EDUCATION AND SOCIAL SERVICES**
1101	Human health (including medically-related psychological research)
1102	Biomedical engineering
1103	Learning and education
1104	Social development and community services
1200	**ADVANCEMENT OF KNOWLEDGE**
1201	Life sciences (including biotechnology)
1202	Physical sciences
1203	Earth sciences

1204	Space and astronomy
1205	Mathematical sciences
1206	Engineering
1207	Information, computer and communication technologies
1208	Materials sciences
1209	Agriculture
1210	Psychology
1211	Medical and health sciences
1212	Social sciences

Industry/Products and Services Codes

To help NSERC assess how much various industrial sectors are participating in university-industry programs, each private-sector organization is requested to choose the most appropriate code from the following list. If the collaborating company has diversified activities, choose the code for the main line of business for the operating division supporting this proposal.

1000	**FARMING AND AGRICULTURAL INDUSTRIES**
1001	Animals and animal products
1002	Plant and plant products

1003	Aquaculture
1100	**FISHING AND RELATED INDUSTRIES**
1200	**FORESTRY INDUSTRIES**
1201	Forestry products
1202	Pulp and paper
1203	Other wood products
1300	**PRINTING AND PUBLISHING**
1400	**MINING AND QUARRYING INDUSTRIES**
1402	Aggregates
1403	Metal and coal mines
1500	**PETROLEUM AND NATURAL GAS INDUSTRIES**
1600	**NUCLEAR INDUSTRY AND PRODUCTS**
1700	**FOOD AND BEVERAGE INDUSTRIES**
1701	Food processing and packaging
1702	Beverages
1703	Animal feed
2000	**ADVANCED MATERIALS MANUFACTURING**
2100	**POLYMERIC MANUFACTURING**
	Rubber

2101	
2102	Plastics
2200	**TEXTILE INDUSTRY AND PRODUCTS**
2400	**PRIMARY METALS INDUSTRY**
2401	Iron and steel
2402	Non-ferrous metals
2500	**FABRICATED METALS INDUSTRY AND PRODUCTS**
2501	Heat exchangers
2502	Structural metals
2503	Stamped and pressed products
2600	**MACHINERY (NON-ELECTRICAL)**
2601	Farm machinery and equipment
2602	Engines, generators, turbines and reactors
2603	Refrigeration and air conditioning equipment
2604	Hydraulic and pneumatic equipment
2605	Construction, forestry and mining machinery
2606	Mechanical power transmission equipment

2700	**TRANSPORTATION EQUIPMENT INDUSTRY**
2701	Motor vehicles and parts
2702	Aerospace
2703	Shipbuilding and submersibles
2704	Train locomotives and cars
2800	**ELECTRICAL AND ELECTRONIC PRODUCTS**
2801	Communications equipment
2802	Electrical industrial equipment
2803	Electronic parts and components
2804	Appliances and consumer electronics
2900	**COMPUTING INDUSTRIES**
2901	Computer hardware
2902	Software and related services
3000	**NON-METALLIC MINERAL PRODUCTS**
3001	Cement and concrete
3002	Glass
3003	Abrasives

3004	Asphalt
3100	**PETROLEUM AND CHEMICAL PRODUCTS**
3101	Inorganic chemicals
3102	Organic chemicals and products
3103	Petroleum products
3104	Biotechnology
3300	**PHARMACEUTICALS AND MEDICAL PRODUCTS**
3400	**SCIENTIFIC AND PROFESSIONAL EQUIPMENT**
3401	Laboratory equipment
3402	Medical equipment
3500	**OPTICAL AND PHOTOGRAPHIC EQUIPMENT**
3600	**CONSUMER PRODUCTS INDUSTRY (NON-ELECTRONIC)**
4000	**BUILDING CONSTRUCTION AND GENERAL CONTRACTING**
4100	**INDUSTRIAL AND HEAVY ENGINEERING CONSTRUCTION**
4101	Bridges and roads
4102	Waterworks, sewage and pipelines
4103	Power plants

4300	**TRANSPORTATION SERVICES**
4500	**COMMUNICATIONS AND BROADCASTING SERVICES**
4600	**UTILITIES**
4601	Electricity
4602	Gas supply
4603	Water supply
4700	**WASTE MANAGEMENT SERVICES**
5000	**BUSINESS SERVICES**
5500	**CONSULTING SERVICES**
5700	**ENGINEERING, SCIENTIFIC AND TECHNICAL SERVICES**
6000	**PUBLIC ADMINISTRATION**
6001	Federal government departments and agencies
6002	Provincial, territorial, and local governments
6003	International and extraterritorial governments
7000	**EDUCATIONAL SERVICES**
8000	**HEALTH SERVICES**
9000	**BUSINESS, PROFESSIONAL, AND LABOUR ORGANIZATIONS**
9999	**ALL OTHER INDUSTRIES**

Program Contacts

Updated:
August 21, 2001

- Research Grants
- Scholarships and Fellowships
- Research Partnerships

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GSCs	04 – Chemical / Metallurgical Engineering		06 – Civil Engineering
	13 – Mechanical Engineering		20 – Industrial Engineering
	334 – Communications, Computers and Components Engineering		335 – Electromagnetics & Electrical Systems Engineering
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GSCs	14 – Statistical Sciences		24 – Inorganic/Organic Chemistry
	26 – Analytical/Physical Chemistry		330 – Computer & Information Sciences "A"
	331 – Computer & Information Sciences "B"		336 – Mathematics "A"
	337 – Mathematics "B"		
Life Sciences			
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GSCs	03 – Plant Biology and Food Science		12 – Psychology
	1011 – Integrative Animal Biology		32 – Cell Biology
	33 – Molecular and Developmental Genetics		
Earth Sciences and Ecology/Interdisciplinary/Physics			
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GSCs	08 – Earth Sciences		09 – Environmental Earth Sciences
	18 – Evolution and Ecology		21 – Interdisciplinary
	28 – Condensed Matter Physics		29 – General Physics
Subatomic Physics/Space and Astronomy/MFA/IOF			
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	MFA Major Facilities Access		IOF – International Opportunity Fund
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Industrial Postgraduate Scholarships Postgraduate Scholarships (PGS A and B) (Disciplines: Life & Earth Sciences) Postdoctoral Fellowships (Disciplines: Life & Earth Sciences) Postgraduate and postdoctoral supplements University Faculty Awards Visiting Fellowships in Canadian Government Laboratories NATO Science Fellowships			996-3762 OR 992-9169
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Company Eligibility			
Program Assistants	Helton Da Silva	996-1900	helton.da silva@nserc.ca
	Yvette Wong	947-0428	yvette.wong@nserc.ca
Program Officers	Pat Houston	996-1873	pat.houston@nserc.ca
	Vacant		
	Claire Saumure	996-3383	claire.saumure@nserc.ca
Doctoral Prizes			
Program Assistant	Yvette Wong	947-0428	yvette.wong@nserc.ca
Program Officer	Vacant		
Industrial Postgraduate Scholarships – IPS			
Program Assistant	Joanne Paquet	992-9169	joanne.paquet@nserc.ca

Program Officers	Gillian Cooper	996-1511	gillian.cooper@nserc.ca
	Klara Konya	996-6348	klara.konya@nserc.ca
	Lynda Laforest	996-2009	lynda.laforest@nserc.ca
	Tiffany Lancaster	996-7908	tiffany.lancaster@nserc.ca
	Candace Robinson	996-1597	candace.robinson@nserc.ca
Industrial Research Fellowships – IRF			
Program Assistants	Madeleine Forget	992-2246	madeleine.forget@nserc.ca
	Helton Da Silva	996-1900	helton.da silva@nserc.ca
Program Officers	Pat Houston	996-1873	pat.houston@nserc.ca
	Claire Saumure	996-3383	claire.saumure@nserc.ca
Japanese Fellowship Programs			
Program Assistant	France Masse	947-3789	france.masse@nserc.ca
Program Officer	Lynda Laforest	996-2009	lynda.laforest@nserc.ca
NATO Science Fellowships			
Program Assistant	Linda Lacroix	996-0264	linda.lacroix@nserc.ca
Program Officers	Klara Konya	996-6348	klara.konya@nserc.ca
	Brigit Viens	996-3769	brigit.viens@nserc.ca
Postdoctoral Fellowships – PDF (Earth Sciences and Ecology, Cellular and Molecular Biology, Life Sciences and Psychology)			
Program Assistant	Joanne Paquet	992-9169	joanne.paquet@nserc.ca
Program Officers	Gillian Cooper	996-1511	gillian.cooper@nserc.ca
	Brigit Viens	996-3769	brigit.viens@nserc.ca
Postdoctoral Fellowships – PDF (Engineering, Computing and Mathematical Sciences, Physics and Chemistry)			
Program Assistant	Madeleine Forget	992-2246	madeleine.forget@nserc.ca
Program Officers	Carmen Gervais	995-5075	carmen.gervais@nserc.ca
	Vacant		
Postgraduate Scholarships – PGS (Earth Sciences and Ecology, Cellular and Molecular biology, Life Sciences and Psychology)			
Program Assistant	Kathleen Brennan	996-3762	kathleen.brennan@nserc.ca
Program Officers	Gillian Cooper	996-1511	gillian.cooper@nserc.ca
	Brigit Viens	996-3769	brigit.viens@nserc.ca
	Tiffany Lancaster	996-7908	tiffany.lancaster@nserc.ca
Postgraduate Scholarships – PGS (Engineering, Computing and Mathematical Sciences, Physics and Chemistry)			
Program Assistant	Monika Maclaren	996-3769	monika.maclaren@nserc.ca
Program	Carmen Gervais	995-5075	carmen.gervais@nserc.ca

Officers	Claire Saumure	996-3383	claire.saumure@nserc.ca
Postgraduate Scholarship Supplements			
Program Assistants	Kathleen Brennan	996-3762	kathleen.brennan@nserc.ca
	Monika Maclaren	996-3769	monika.maclaren@nserc.ca
Program Officers	Gillian Cooper	996-1511	gillian.cooper@nserc.ca
	Carmen Gervais	995-5075	carmen.gervais@nserc.ca
PromoScience Program			
Program Assistant	Madeleine Forget	992-2246	madeleine.forget@nserc.ca
Program Officer	Judy Paron	996-1417	judy.paron@nserc.ca
Undergraduate Student Research Awards – USRA			
Program Assistant	Yvette Wong	947-0428	yvette.wong@nserc.ca
Program Officers	Lynda Laforest	996-2009	lynda.laforest@nserc.ca
	Vacant		
University Faculty Awards – UFA			
Program Assistant	Kathleen Brennan	996-3762	kathleen.brennan@nserc.ca
Program Officers	Candace Robinson	996-1597	candace.robinson@nserc.ca
	Brigit Viens	996-3769	brigit.viens@nserc.ca
Research Partnerships Programs Directorate			
Director General	Janet Walden	996-1545	janet.walden@nserc.ca
Administrative Assistant	Marie Ginette Rainville	996-1545	marie.rainville@nserc.ca
Information, Communications, and Manufacturing Sectors			
Director	Margaret Caughey	992-5619	margaret.caughey@nserc.ca
Assistant	Kim Gaudreau	992-5606	kim.gaudreau@nserc.ca
Portfolio Manager	Guy Drapeau	996-2145	guy.drapeau@nserc.ca
Program Officer	Vacant		
Program Assistant	Vinayini Murty	947-7090	vinayini.murty@nserc.ca
Account Manager	Rémy Chabot	995-5667	remy.chabot@nserc.ca
Program Assistant	Patricia Ojeda	996-0753	patricia.ojeda@nserc.ca
Account Manager	Kevin Driscoll	943-2168	kevin.driscoll@nserc.ca
Program Assistant	Steve Billie	996-2838	steve.billie@nserc.ca
Account Manager	Vacant		
Program	Vacant		

Assistant			
Portfolio Manager	Barbara Muir	947-4562	barbara.muir@nserc.ca
Program Officer	Walter Vieira	996-1889	walter.vieira@nserc.ca
Program Assistant	Stephanie Quennell	996-5984	stephanie.quennell@nserc.ca
Bio-Industries			
Director	Krystyna Miedzybrodzka	947-9452	krystyna.miedzybrodzka@nserc.ca
Assistant	Kim Gaudreau	992-5606	kim.gaudreau@nserc.ca
Portfolio Manager	Toni Gasparini	996-6346	toni.gasparini@nserc.ca
Program Officer	Madeleine Bastien	996-7135	madeleine.bastien@nserc.ca
Program Assistant	Julie Anne Cloutier	996-2239	julieanne.cloutier@nserc.ca
Account Manager	Doris Braslins	996-7229	doris.braslins@nserc.ca
Program Assistant	Vacant		
Account Manager	Vacant		
Program Assistant	Vacant		
Account Manager	Vacant		
Program Assistant	Vacant		
Portfolio Manager	Eileen Jessop	996-4764	eileen.jessop@nserc.ca
Program Officer	Hanan Abdel-Akher	947-6374	hanan.abdel-akher@nserc.ca
Program Assistant	Liette Clairoux	947-6365	liette.clairoux@nserc.ca
Environmental and Natural Resources Sectors			
Director	André Isabelle	992-5641	andre.isabelle@nserc.ca
Portfolio Manager	Robert Therrien	996-5924	robert.therrien@nserc.ca
Program Officer	Michèle Takoff	992-1372	michele.takoff@nserc.ca
Program Assistant	Diane Gaudreau	996-2717	diane.gaudreau@nserc.ca
Account Manager	Alison Janidlo	992-7106	alison.janidlo@nserc.ca
Program Assistant	Sherry Merleau	996-6331	sherry.merleau@nserc.ca
Account Manager	Hermenegilde Twagiramungu	996-5879	hermenegilde.twagiramungu@nserc.ca
Program	Patricia Pelletier	947-3937	patricia.pelletier@nserc.ca

Assistant			
Account Manager	Theresa Anderson	943-7830	theresa.anderson@nserc.ca
Program Assistant	Jacqueline Jorge	992-8122	jacqueline.jorge@nserc.ca
Program Officer	Shaheer Mikhail	995-5710	shaheer.mikhail@nserc.ca
Program Assistant	Susan Plunkett	996-2602	susan.plunkett@nserc.ca
RPP Analyst Group			
RPP Analyst	Anne Alper	996-6521	anne.alper@nserc.ca
Budget Officer	Rita Carrière	996-1583	rita.carriere@nserc.ca
Administrative Officer	Paula Knappers	996-1253	paula.knappers@nserc.ca

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FORM 200
Application for an NSERC Scholarship or Fellowship
COVER PAGE

Date

Family name of applicant	Given name and initial(s)	Personal identification no. (PIN)

ADDRESSES

Current address	Permanent mailing address (if different than current address)
If current address is temporary, indicate leaving date	Telephone number at permanent mailing address

Telephone number	Facsimile number	E-mail address

CITIZENSHIP

☐ Canadian citizen

☐ Permanent resident of Canada

Indicate date of landing as per Form IMM 1000

☐ Other

Indicate country of citizenship

LANGUAGE OF CORRESPONDENCE

I wish to receive my correspondence in:

☐ English ☐ French

SIGNATURE

I hereby agree that any award made to me as a result of this application will be subject to the general conditions governing scholarships and fellowships. These conditions are outlined in this Web site in the NSERC *Program Guide for Students and Fellows*, the *Visiting Fellowships in Canadian Government Laboratories* guide, and the description of the NATO Science Fellowships program.

Applicant's signature

Canada

Personal information collected on this form and appendices will be stored in the Personal Information Bank for the appropriate program.

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Version française disponible

FORM 200
Application for an NSERC Scholarship or Fellowship
PART I

Date

Family name of applicant	Given name and initial(s)	Personal identification no. (PIN)

ACADEMIC BACKGROUND (include only current and past degree programs)

Degree	Name of discipline	Department, institution and country	Month and year started	Month and year awarded/expected
Bachelor's				
Master's				
Doctorate				

ACADEMIC, RESEARCH AND OTHER RELEVANT WORK EXPERIENCE

Position held and nature of work (begin with current)	Organization and department	Supervisor	Period (mm/yyyy - mm/yyyy)

Personal identification no. (PIN)	Family name, given name and initial(s) of applicant

AWARD APPLIED FOR

Type of award		Proposed starting date of award
Proposed degree program (Master's, Doctorate)	**Proposed field of study/research**	**Research subject code**

Title of proposed research (not required for VF applicants)

List ten (10) key words that describe your proposed research. Use commas to separate them. (Not required for VF applicants.)

PROPOSED LOCATION(S) OF TENURE (in order of preference)

Institution/organization	Department	Proposed supervisor

SECTION TO BE COMPLETED BY PGS APPLICANTS ONLY

Indicate the number of months of graduate studies (master's and doctoral) you will have completed as of December 31 of the year of application.

_____ months of full-time graduate studies _____ months of part-time graduate studies

Indicate if you are attending university at the time of application.

☐ Attending part time ☐ Attending full time ☐ Not attending

Are you applying for tenure of your award abroad?

☐ Yes ☐ No

Canada

Personal identification no. (PIN)	Family name, given name and initial(s) of applicant

THESES COMPLETED OR IN PROGRESS

1. Degree	Supervisor	Date degree requirements completed
Title of thesis		
2. Degree	Supervisor	Date degree requirements completed
Title of thesis		

SUMMARY OF THESIS MOST RECENTLY COMPLETED OR IN PROGRESS (honours project, master's or doctoral)

Use plain language. Do not reproduce abstract of thesis.

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URGENT

Please return to:

By (date):

APPENDIX 1
Report on the Applicant
NSERC Scholarship or Fellowship
(Form 200)

Read the instructions before you complete this report. For PGS applicants, use this page only. For all other applicants, use one additional page if necessary.

In accordance with the *Privacy Act*, this report will be accessible to the applicant. This report, including your name, may also be disclosed to organizations whose fellowships are administered by NSERC and to partner agencies that offer supplements to NSERC awards.

Date

Family name of applicant	Given name and initial(s)	Personal identification no. (PIN)

Type of award applied for

Size of comparison group

Using a percentage scale, rate the applicant on each of the following three evaluation criteria (e.g., Top 5%, Top 10%, etc. or N/A – Inadequate opportunity to observe).

1. Research ability or potential	2. Oral and written communication skills	3. Interpersonal and leadership abilities

Comment on the applicant with respect to each criterion.

I have known the applicant in my capacity as _____ for _____ years.

Typed name, title, and affiliation of respondent

☐ I have received and read a copy of the applicant's completed Parts I and II of Form 200.

_____
Signature of respondent

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Canada

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APPENDIX 2
Departmental/University Evaluation
NSERC Scholarship or Fellowship
(Form 200)

Read the instructions before you complete this report. In accordance with the *Privacy Act*, this report will be accessible to the applicant. This report, including your name, may also be disclosed to organizations whose fellowships are administered by NSERC and to partner agencies that offer supplements to NSERC awards.

Date	

PART I: TO BE COMPLETED BY THE APPLICANT

Family name	Given name and initial(s)	Personal identification no. (PIN)

University (indicate if current or former)	University department

☐ Application submitted through university ☐ Application submitted directly to NSERC

PART II: TO BE COMPLETED BY THE HEAD OF THE DEPARTMENT OR REPRESENTATIVE

Description of peer group

Departmental ranking of applicant in comparison to peer group: _____ of _____

Comments on the applicant

[For PDF only] Ranked list of all PDF applicants from the department in the current competition

_____ _____

Signature of head of department (or representative) Date

PART III [FOR PGS ONLY]: TO BE COMPLETED BY THE SCHOLARSHIP LIAISON OFFICER

Weighted annual averages	University ranking of applicant
Second last year _____ / _____ (maximum)	
Last year _____ / _____ (maximum)	_____ of _____

Additional comments on the applicant

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APPENDIX 3
Consent Form and Statistical Information
NSERC Scholarship or Fellowship
(Form 200)

	Date

Family name of applicant	Given name and initial(s)	Personal identification no. (PIN)

CONSENT FROM THE APPLICANT

If you wish to be considered for other types of scholarships, fellowships or supplements offered by the Canadian government, companies and/or associations as described in this Web site in the *Program Guide for Students and Fellows*, you must complete and sign this form. By completing and signing this section, you agree to have your application (including Appendices 1 and 2) disclosed to the interested institutions (see the *Access to Information Act* and the *Privacy Act*, under Policies and Guidelines in the *Program Guide for Students and Fellows*, on this Web site).

If you are eligible and wish to be considered for one or more supplements, indicate which ones, as described in NSERC's *Program Guide for Students and Fellows*.

PDF APPLICANTS

If your application is not successful but is judged to be meritorious, would you like to be considered for the

☐ Visiting Fellowships (VF) program? ☐ Industrial Research Fellowships (IRF) program?

SIGNATURE

_____
Applicant's signature

STATISTICAL INFORMATION

Information on gender, designated groups and language capability is collected for administrative and statistical purposes and for the promotion of increased participation by designated groups in science and engineering programs. It will not be released to persons outside NSERC. For more information, see, in this Web site, the *Program Guide for Students and Fellows* and the introduction of the *Visiting Fellowships in Canadian Government Laboratories* guide.

GENDER (completion optional)		DESIGNATED GROUPS (completion optional)		
☐ Male	☐ Female	☐ Aboriginal	☐ Visible Minority	☐ Disabled

LANGUAGE CAPABILITY (completion optional)

English		
☐ Read	☐ Write	☐ Speak
French		
☐ Read	☐ Write	☐ Speak

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NSERC CRSNG

Updated: 2001-08-24

Scholarships & Fellowships Programs

How to Complete the Web Version of Form 200

Read and/or print the following documents before you start completing Form 200:

- Frequently Asked Questions on how to use the On-line System;
- The *Program Guide for Students and Fellows* for deadline and program details.

Whom should I contact if I need help?

If you have questions regarding:

1. the **program** to which you are applying (e.g., content of the application, program deadlines, eligibility, etc.), contact the **Staff** responsible for the program;

2. the **On-line System**, send an e-mail to webapp@nserc.ca or call (613) 995-4273.

Please include in your message the e-mail address where you may be contacted as well as your telephone number.

Contents

1. Before you begin
2. General instructions for all applicants
3. Cover Page
4. Completing Part I of your form
5. Completing Part II of your form
6. Appendices
7. Nomination for a NATO Science Fellowship
8. How to submit your application

Before you begin

Note that you can only complete **Part I** of your form using the electronic application process. You will find instructions and tips directly on the Web screens. **Part II** is "free form." Use your word processor to complete it, then print it on regular white paper. Provide the requested information according to the guidelines and format outlined in the General instructions for all applicants below.

Also, use this form in conjunction with the *Program Guide for Students and Fellows*.

General instructions for all applicants

Use this form if you are applying for the following types of support:

- Postgraduate Scholarships – PGS A and PGS B;
- Industrial Postgraduate Scholarships – IPS 1 and IPS 2;
- Postdoctoral Fellowships (PDF);
- Industrial Research Fellowships (IRF);
- Visiting Fellowships in Canadian Government Laboratories (VF); and
- NATO Science Fellowships.

Also...

- Use this form in conjunction with the NSERC *Program Guide for Students and Fellows*, the *Visiting Fellowships in Canadian Government Laboratories* guide, and the most recent description of the NATO Science Fellowships program. Before you complete the form, see the relevant guide for information about eligibility criteria, selection criteria, and application deadlines.
- If you are applying for more than one type of support, complete a separate application for each.
- If you would like to apply for an Undergraduate Student Research Award, use Form 202.

This application form has three parts:

Cover Page

In this part of the form (page included), you must provide your personal data.

Part I

In this part of the form (pages included), you must provide details about:

- academic background;
- academic, research, and work experience;
- the type of award you are applying for;
- proposed location of tenure; and
- your thesis(es).

Part II

This part of the application is "free form" and should be printed on regular white paper. Provide the requested information according to the guidelines and format outlined in the section General Presentation. Depending on the type of award you are applying for, you must provide information in some of the following categories:

- outline of proposed research;

- justification for location of tenure;
- scholarships, fellowships, and other awards received;
- contributions to research and development;
- most significant contributions to research and development; and
- applicant's statement.

Note

To be considered complete, your application must include the **Cover Page, Part I, Part II** and any additional documents as stated in the instructions. **NSERC may reject your application if it is not complete**.

General Presentation

When you prepare your application and supporting materials, follow these guidelines:

- Print must be in black ink, and be of letter quality (minimum standard).
- Text must be single-spaced, with no more than six lines per inch.
- If you use a type size measured in points (pts), it must be **no smaller** than 12 pts.
- If you use a type size measured in characters per inch (cpi), it must be **no more** than 10 cpi.
- Condensed type is **not** acceptable.

For Part II (which is free form):

- Use white paper 8 1/2 x 11 inches (21.5 cm x 28 cm).
- Set margins at 3/4 of an inch (1.7 cm) (minimum) all around.
- Enter your name and PIN (see instructions for cover page) at the top of every page.
- Print on one side of the paper only.
- The maximum number of pages allowed is indicated in the appropriate section. Pages in excess of the number permitted will be removed.

If you have supporting documents written in a language other than English or French, you are required to provide NSERC with a certified translation of the document.

Note
If your application does not meet these standards, NSERC may reject it.

Cover Page

Change of name

Have you changed your name since you last applied for support from NSERC? If you have, please list your previous name in parentheses in the appropriate area on Form 200.

Personal identification number (PIN)

All NSERC applicants have been, or will be, given a PIN. Once you have your PIN, use it each time you apply for an award and in future correspondence with NSERC. **If you have not previously applied to NSERC**, or if you cannot remember your PIN, leave that space on the form blank.

Note
The number generated by the on-line application process is **not** your PIN.

What does my signature on the application mean?

- You agree to abide by NSERC regulations governing awards;
- You understand the *Access to Information Act* and the *Privacy Act* as they pertain to application information;
- You have read and agree to comply with the Tri-Council Policy Statement: *Integrity in Research and Scholarship*;
- You agree to abide by regulations regarding animal care, ethical considerations in the use of human subjects in research, and biohazards;
- You will acknowledge, wherever possible, NSERC's funding assistance for the research; and
- You certify that the information provided in the application is complete and accurate to the best of your knowledge. The provision of false or inaccurate information may result in sanctions, including termination of funding and disentitlement from eligibility for future funding.

In addition, if you are a current or former (in the last twelve months) public-office holder or public servant in the federal government, you also certify that you:

- respect and comply with the *Conflict of Interest and Post-Employment Code for Public Office Holders* and the *Conflict of Interest and Post-Employment Code for the Public Service*.

Completing Part I of your form

Please consult Tips for preparing a successful PGS or PDF application.

Page 1

Academic background

Include only current and past programs. Do not include programs that you have **not** yet started.

Academic, research and other relevant work experience

In the area labelled "Position held and nature of work," specify whether the employment was full- or part-time. Also, indicate if you gained the experience in the course of a program of study.

Page 2

Code Tables

Consult the NSERC *Code Tables*.

VF applicants

Choose the code that best describes your area of expertise.

Proposed location(s) of tenure

PGS/PDF applicants

Specify a maximum of three proposed locations of tenure.

IRF nominees

If you would like to be considered by more than one company, you must submit a separate application for each one.

VF applicants

Specify a maximum of three government departments or agencies. You should identify a proposed supervisor only if you have made contact with that person.

Page 3

Theses completed or in progress

For completed degrees, indicate the date by which you completed all degree requirements (not the convocation date). This includes your thesis defence, corrections, and deposition of thesis.

PGS A applicants

You may use this page to summarize an honours thesis, or a graduate thesis in progress. Students who do not have an honours thesis may describe a research project or a research-related work experience, indicating the nature of the work performed.

Completing Part II of your form

Part II – Free-form pages

Depending on the type of support you are seeking, you must provide information in some of

the six sections listed below. Read the sections to see which ones apply to you.

Follow the General Presentation guidelines. Start numbering your pages continuing from the last page of Part I.

- For sections 1and 2, use one (1) page only for each section.
- For sections 3, 4, 5, and 6, the **maximum** number of pages you are permitted to use is as follows (this is the **total** number of pages for all four sections, not for each section):
  - **PGS A** – two (2) pages;
  - **IPS** and **PGS B** – three (3) pages; and
  - **IRF, PDF, NATO** and **VF** – five (5) pages.

Additional pages will be removed.

Provide the required information using the specified headings and follow the order that has already been established. Some sections will require program-specific information.

Section 1
Outline of proposed research (one page)

Applicants must complete this section themselves.

Be as specific as possible when describing proposed research. For information about the eligible fields of research, see the NSERC *Program Guide for Students and Fellows*. In addition, remember to do the following:

- Write in plain language. Your outline should be readable by someone with a background in the discipline but with no specialized knowledge of the particular field of research. You should not repeat the information found in Part I, page 3.
- Provide a detailed description of your proposed research activities for the period during which you are to hold the award. State the objectives and outline the experimental or theoretical approach to be taken, and the methods and procedures to be used. State the significance of the proposed research activities to the field.
- If the proposed research is a continuation of your thesis, clearly state the differences between work done for your thesis and the research activities outlined in this proposal.

Also...

- **PGS A applicants**

  If you have not yet formulated a plan of research, you must describe the specific research problems that interest you and explain why.

- **IRF nominees and VF applicants**

  You do not have to submit an outline of the proposed research.

- **IPS applicants**

  You should describe details of the planned interaction with the sponsoring company.

Section 2
Justification for location of tenure (one page)

Provide a rationale for your choice(s) for location of tenure. See the following sections for more program-specific information.

- **IPS** and **IRF nominees,** or **PGS A applicants remaining in Canada**

  You do not have to provide this justification.

- **PDF applicants**

  - All PDF applicants must complete this section;
  - If you have received a letter indicating that you have been accepted at the proposed location(s) of tenure, attach a copy to your justification;
  - If you would like to hold a PDF at the university from which you received or expect to receive your doctoral degree, you must:
    - provide an explanation of the reasons it is essential for you to hold the award at that particular university; and
    - submit supporting letters from the head of the department and the proposed supervisor.

- **PGS B applicants**

  All PGS B applicants must complete this section.

- **PGS A and B applicants requesting tenure abroad**

  If you are proposing location(s) of tenure outside Canada, you must justify your request to study abroad and explain your rationale for the choice of the particular research topic and university. You must also submit:

  - a letter from a Canadian authority in the proposed field of research explaining whether:
    - the need to pursue graduate studies abroad due to the unavailability of a suitable program of research or the required facilities at a Canadian university (the availability of the program should be discussed, not simply whether or not the specific thesis project can be carried out in Canada); and
    - the benefits to the applicant of studying abroad (e.g., unique opportunity to train in a world-class laboratory).

- **VF applicants**

  You should address the suitability of your educational qualifications and research experience as they relate to the mandate and research interests of the government laboratory (or laboratories) proposed as location(s) of tenure. If you have received a letter indicating interest in your candidacy from the proposed location(s) of tenure, you should attach a copy to the application.

- **NATO applicants**

  All NATO applicants must complete this section.

Section 3
Scholarships, fellowships, and other awards received

Starting with your most recent (and including NSERC awards), give the name of the award, the value, the type (institutional, provincial, national, or international), the location of tenure, and the period held. Present the information in a table format.

Only list the support awarded on the basis of academic and research excellence and/or in recognition of your leadership or communication abilities.

Section 4
Contributions to research and development

List your contributions to research and development. Begin with your most recent, and list each entry on a new line. Do not include any articles that are currently in preparation. Use the following headings and order in your listing:

a. Articles published or accepted in refereed journals;

b. Articles submitted to refereed journals;

c. Other refereed contributions (e.g., communications, papers in refereed conference proceedings, posters, etc.);

d. Non-refereed contributions (e.g., specialized publications, technical reports, conference presentations, posters, etc.);

e. Technology transfer;

f. Contributions resulting from your participation in industrially relevant R&D activities; and

g. Patents and copyrights (e.g., software, but excluding publications).

Note
Many contributions to industry or other end-users take the form of technical or internal reports, some of which may be confidential to protect proprietary information, or may be subject to patent or copyright protection. If your record includes contributions of this kind, a letter from a university or company researcher involved with technology transfer should accompany your application, and this letter should attest to the nature and significance of the contribution in as specific terms as possible.

For published contributions, list the following: the full authorship as it appears in the original publication; the year, title, name, and volume of the publication; and the first and last page numbers.

Example

Li, H., George, A.F., and Kay, M. (1994) Protein-structure interactions in cell

membranes. Journal of Biological Chemistry. 269: 1120-1124 (Ph.D. work).

For publications submitted or in press, indicate the date of acceptance/submission and the number of pages submitted.

For patents, include the title and names of joint inventors.

In all cases, indicate whether the publication resulted from work done in the process of completing your undergraduate, master's, or doctoral degree, or from other relevant work experience.

Updates to your publication record will not be accepted after the application deadline date.

Also...

- **IRF nominees**

  You should discuss the reasons for selecting certain journals for publication and the particular features of the journals (e.g., target audiences, review procedures). Provide details, as appropriate, on the significance of technical reports and original research reported in books or technical reports.

Section 5
Most significant contributions to research and development

From the contributions listed in section 4, choose up to three that you judge to be your most significant contributions to research and development. Comment on the importance of these contributions to the research area. For each contribution, provide a brief description of your role in the research. Clarify your contribution to the actual writing of joint publications.

As appropriate, indicate any collaboration with other researchers, and discuss the relevance of your work to engineering practice or industrial processes.

Section 6
Applicant's statement

In this section, group your comments under the following headings:

a. **Research experience**

   Describe the scientific or engineering abilities that you have gained through your past research experience. If you have relevant work experience, discuss the relevance of that experience to your proposed field of study/research and any benefits you gained from it. Do not repeat any information you provided in section 5.

b. **Relevant activities**

   Describe the activities (professional and relevant extracurricular) in which you are involved that demonstrate your communication, interpersonal, and leadership skills. Examples of these include: oral presentations, mentoring, teaching, project management, chairing committees, organizing conferences or meetings, supervisory experience, elected positions held and volunteer work.

c. **Research career**

Discuss your career goals. Explain why you believe that you are particularly suited for a career in research or related professions in the natural sciences or engineering.

Also...

- **IRF nominees**

  Discuss the expectations you have of the nominating company (in terms of the support and guidance to be provided, and the skills and expertise to be gained). Explain how it will help you attain your goals.

d. **Special circumstances**

In this section, describe any special considerations that may have had an effect on your performance or productivity. Include any considerations that may have resulted in delays in disseminating your research results, such as health problems, family responsibilities, disabilities, or other circumstances (e.g., the time necessary to complete a monograph, file a patent, or commercialize an industrial process or product). Explain any gaps in the chronology of your experience. The selection committee will take these circumstances under consideration when evaluating your application.

Appendices

- Appendix 1
- Appendix 2

Completing Appendices 1 and 2

Appendix 1

Report on the Applicant

Each application (except IPS applications) submitted to NSERC must be accompanied by two original reviews (see Appendix 1).

The reports must be completed by persons capable of making an informed assessment.

- One report should be from a person very familiar with your work and abilities (e.g., current research supervisor or previous academic or industrial supervisor in the case of recent graduates).
- The second report should be from a person in a position to make an arm's length assessment, yet sufficiently familiar with your research and other abilities to provide a meaningful commentary and rating.

Note
If you were involved in a co-op work experience, the reviewer could be your industrial supervisor.

Enter your name and PIN, and the award for which you are applying in the space provided on the form. Indicate to whom this material should be returned and by which date.

What you should do

Provide a photocopy of your completed application to each of the reviewers. Provide the reviewers with the instructions and the original of Appendix 1.

Allow sufficient time to enable each reviewer to complete and return the report (see instructions for the appendix). Remember to include pre-addressed return envelopes.

If the reviewer returns the completed Appendix 1 directly to you in a sealed envelope, forward it unopened as indicated below:

- **IRF nominees** – to NSERC or the nominating company;
- **PDF, PGS and NATO applicants** – to the head of the university department who will be completing Appendix 2; and
- **VF applicants** – to NSERC.

Also...

- **IRF nominees**

You may submit additional reports. For more information, see the NSERC *Program Guide for Students and Fellows*.

Appendix 2

Departmental/University Evaluation

This evaluation form is for anyone applying for a PGS or PDF

The evaluation must be completed by the department head, the head's representative, or a departmental committee of your current department, or former department if you are not currently attending university.

The same person **may not** complete Appendices 1 and 2. In addition, your proposed supervisor **must not** complete Appendix 2.

PDF applicants

Appendix 2 must be completed by the university that conferred or will confer your doctoral degree.

Appendix 3

Consent Form and Statistical Information

Part 1 – PGS, PDF and IPS applicants

If you wish to be considered for other types of scholarships, fellowships and supplements offered by Canadian government laboratories, industrial organizations and/or associations, as described in the NSERC *Program Guide for Students and Fellows*, you must complete and sign this form.

Part 2

In this part, you should provide, on a voluntary basis only, information on your gender, your language capability, and your designated group.

Appendix 1

Report on the Applicant (Application for an NSERC Scholarship or Fellowship – Form 200)

INSTRUCTIONS

Who should complete this form?

Complete this form if you have agreed to evaluate an applicant for an NSERC award.

Also...

- Use this form in conjunction with the applicant's completed copy of Form 200, *Application for an NSERC Scholarship or Fellowship*.
- Once you have completed this "Appendix 1, *Report on the Applicant*," NSERC and review committees (made up of external experts) will use it to review and assess the application for an award.
- Complete and submit this appendix by the date specified on the form. NSERC will not consider the application complete without it.

General Presentation

When you prepare your report on the applicant, follow these guidelines:

- Print must be in black ink, and be of letter quality (minimum standard).
- Text must be single-spaced, with **no more** than six lines per inch.
- If you use a type size measured in points (pts), it must be **no smaller** than 12 pts.
- If you use a type size measured in characters per inch (cpi), it must be **no more** than 10 cpi.
- Condensed type is **not** acceptable.

How to complete this appendix

If you are completing an evaluation:

- for a **PGS applicant**, use only the form provided; or
- for **all other applicants**, use one additional page if necessary.

Rate the applicant on each of the evaluation criteria listed below and provide a justification of your rating. Rather than providing general comments, assess the applicant's strengths and limitations for each criterion. Include **specific examples** of the applicant's accomplishments and contributions to support your assessment.

Note
If you provide exceptionally high or low ratings that are inconsistent with the application as a

F3

whole, they may diminish the report's credibility.

In accordance with the *Privacy Act*, this report will be accessible to the applicant.

Evaluation criteria

Research ability or potential

- Quality of the applicant's contributions to R&D, and role in joint publications.
- Quality of the journals in which the applicant has published.
- Relevance of applicant's work experience and academic training to the field of proposed research.
- Significance, feasibility, and merit of proposed research (not required for IRF and VF).
- Applicant's suitability for research (in the case of IRF nominees, you should specifically address the suitability for research in industry) in terms of:
  - ability for critical thought and analysis;
  - ability to apply skills and knowledge;
  - judgement;
  - originality;
  - initiative and autonomy;
  - enthusiasm for research; and
  - determination and ability to complete projects within an appropriate period of time.

Communication skills

- Ability or potential to communicate scientific concepts clearly and logically in written and oral formats (e.g., quality of presentations and papers, effectiveness of teaching).

Interpersonal and leadership abilities

- Ability or potential to interact effectively with co-workers in a scientific setting (e.g., capacity to share ideas, to provide and receive critical feedback).
- Leadership ability or potential relevant to a scientific career (e.g., mentoring, teaching, project management, chairing committees, organizing conferences or meetings, supervisory experience).

RELATIVE WEIGHTING OF CRITERIA

	PGS A	PGS B	PDF
Academic excellence	50	30	15
Research ability or potential	30	50	60
Oral and written communication	10	10	10
Interpersonal and leadership abilities	10	10	15

Submitting the appendix

Once you have completed your evaluation of the applicant, return Appendix 1 to the following person or organization:

For PGS and PDF applications

Mail it in a sealed envelope to the applicant. You can also submit it to the head of the

department at the university where the applicant is currently registered, or from which the applicant obtained the last degree.

For IRF applications

Submit it to the nominating company or to NSERC.

For VF applications

Submit it directly to NSERC.

For NATO applications

Submit it to the nominating university and to NSERC.

Mailing address

If you are submitting this appendix directly to NSERC, mail it to the following address:

Scholarships and Fellowships Division
NSERC
350 Albert Street
Ottawa, Ontario K1A 1H5
Canada

Privacy issues

The information you are asked to provide is collected under the authority of the *Natural Sciences and Engineering Research Council Act*. Information on applications received by NSERC is stored in a series of NSERC data banks described in the federal publication *Info Source*. You can find details on how this information may be used in the *Access to Information Act* and the *Privacy Act*, in the NSERC *Program Guide for Students and Fellows*.

You must use the information provided by the applicant only to help you complete Appendix 1 of the form, *Report on the Applicant*, and not for any other purposes.

NSERC routinely gives applicants access to information about them on file, but does not provide the applicant with the name of the person who signed the evaluation or the names of any other applicants mentioned in a comparative context. However, due to the nature of the application process, applicants are usually aware of who has completed their evaluation. As a result, you cannot expect privacy or anonymity.

With the consent of the applicant (Appendix 3), NSERC may release the complete application, including appendices, to interested government laboratories or agencies participating in the Visiting Fellowships in Canadian Government Laboratories program, industrial organizations participating in the Industrial Research Fellowships program, and agencies providing supplements in the Postgraduate Scholarships program.

Appendix 2

Departmental/University Evaluation (Application for an NSERC Scholarship or Fellowship – Form 200)

INSTRUCTIONS

Who should complete this form?

Complete this form if you are evaluating an applicant for an NSERC award and you are the head of the department or a representative.

What do you need to complete this form?

Before you start comp[illegible] this form to evaluate the applicant, make sure you have:

- Parts I and II of the applicant's completed copy of Form 200, *Application for an NSERC Scholarship or Fellowship*;
- completed copies of Appendix 1, *Report on the Applicant*, from two reviewers;
- the applicant's official academic transcripts; and
- other documents as described in Form 200, *Application for an NSERC Scholarship or Fellowship*.

Complete this evaluation for all PGS and PDF applicants regardless of their current status. This information contributes to a fair assessment and comparison of all applicants whether they are still attending university or have been away for a number of years. If you are unable to provide a useful evaluation due to the length of time since the applicant was last registered in your department, please indicate this on the form.

Notes:

- The same person cannot complete **both** Appendix 1, *Report on the Applicant*, and Appendix 2, *Departmental/University Evaluation*.
- The proposed supervisor must **not** complete Appendix 2, *Departmental/University Evaluation*.

General Presentation

When you prepare your departmental/university evaluation, follow these guidelines:

- Print must be in black ink, and be of letter quality (minimum standard).
- Text must be single-spaced, with **no more** than six lines per inch.
- If you use a type size measured in points (pts), it must be **no smaller** than 12 pts.
- If you use a type size measured in characters per inch (cpi), it must be **no more** than 10 cpi.
- Condensed type is **not** acceptable.

A. How to complete this evaluation

This application has three parts: **Part I**, **Part II**, and **Part III**. Complete the part that applies to you.

Part I – The applicant

The applicant should complete Part I of the form and indicate whether the application is being submitted through a Canadian university or directly to NSERC.

Part II – The head of the department or a representative

Description of peer group

In this part of the form, you must define the peer group to whom the applicant is being compared. The peer group used for comparison should be consistent for all applicants – for the same award and from the same department – and should be large enough to provide a meaningful ranking.

Note that the peer group for applicants who have been away from university for **more** than 12 months may differ from that used for applicants who are currently enrolled in university, or who have been away from a Canadian university for **less** than 12 months.

Departmental ranking of applicant in comparison to peer group

In this part, indicate how the applicant ranks in comparison to other applicants in the same program of studies, or to peers at a similar level of experience.

Departmental comments on the applicant

Discuss the qualities or factors that led to the departmental ranking of the applicant. Comment on the applicant's strengths and limitations in comparison to the peer group using the following criteria:

- Academic excellence
- Research ability or potential
- Communication skills
- Interpersonal and leadership abilities

For more information about these selection criteria, consult the NSERC *Program Guide for Students and Fellows*.

RELATIVE WEIGHTING OF CRITERIA

	PGS A	PGS B	PDF
Academic excellence	50	30	15
Research ability or potential	30	50	60
Oral and written communication	10	10	10
Interpersonal and leadership abilities	10	10	15

Explain any discrepancies between the comments and rating in Appendix 1, *Report on the Applicant*, and the departmental ranking. If there were any unusual circumstances that may have affected the applicant's performance, please explain them.

If you are recommending an applicant for a PGS award who has not achieved a first-class

average during the last two years of study, you must provide a rationale for the recommendation.

Ranked list of all PDF applicants from the department in the current competition

When there is more than one applicant, you must submit a ranked list of all PDF applicants from the department in the current NSERC competition. Applicants of equal merit may be grouped together.

NSERC recommends that the rankings and information requested in this section be based on a departmental committee's recommendations.

Part III – The scholarship liaison officer

This section is not to be completed for applicants applying directly to NSERC.

PGS only – weighted annual averages

On the form, indicate the weighted annual averages (grade point, percentage) for each of the last two completed years of study. Annotate the transcripts (do not highlight) to indicate which courses you have used in the calculation. You should note that, for PGS B candidates applying in their third year of graduate studies, the average calculated for the last year completed should be that of the two years at the master's level. The "second last year" in such cases is considered to be the last year of undergraduate studies.

University ranking of applicant

In this part, indicate how the applicant ranks in comparison with other applicants being recommended by the university in each category.

B. Submitting this evaluation

Once complete, the appendix and the application documentation should be returned to the following person or organization:

For PGS applications being submitted through a Canadian university

Submit it directly to the Canadian university office responsible for reviewing and recommending applicants who are required to apply through a Canadian university.

For PDF and direct PGS applications

Mail it directly to NSERC at:

Scholarships and Fellowships Division
NSERC
350 Albert Street
Ottawa, Ontario K1A 1H5
Canada

For more information about submitting an application, consult the NSERC *Program Guide for Students and Fellows*.

Privacy issues

The information you are asked to provide is collected under the authority of the *Natural Sciences and Engineering Research Council Act*. Information on applications received by NSERC is stored in a series of NSERC data banks described in the federal publication *Info Source*. You can find details on how this information may be used in the *Access to Information Act* and the *Privacy Act*, in the NSERC *Program Guide for Students and Fellows*.

You must use the information provided by the applicant only to help you complete Appendix 2 of the form, *Departmental/University Evaluation*, and not for any other purposes.

NSERC routinely gives applicants access to information about them on file, but does not provide the applicant with the name of the person who signed the evaluation or the names of any other applicants mentioned in a comparative context. However, due to the nature of the application process, applicants are usually aware of who has completed their evaluation. As a result, you cannot expect privacy or anonymity.

With the consent of the applicant (Appendix 3), NSERC may release the complete application, including appendices, to interested government laboratories or agencies participating in the Visiting Fellowships in Canadian Government Laboratories program, industrial organizations participating in the Industrial Research Fellowships program, and agencies providing supplements in the Postgraduate Scholarships program.

Nomination for a NATO Science Fellowship

INSTRUCTIONS

Who should complete this nomination?

Complete this nomination if you are the proposed supervisor and would like to nominate an individual for a NATO Science Fellowship.

Also...

- Before you complete this nomination, see the most recent description of the NATO Science Fellowship program for more information about eligibility criteria, selection criteria, and application deadlines.
- Prepare this nomination in conjunction with Form 200, *Application for an NSERC Scholarship or Fellowship*, which has been completed by the candidate you are nominating.
- Provide additional information on separate paper. For guidelines on how to submit free-form information, see General presentation below.

Who should prepare the nomination papers?

The proposed supervisor is responsible for preparing the nomination papers and forwarding them, along with Form 200 and any supporting documentation, to NSERC.

Assessing the nominee and the expected contribution

You should provide the following information:

- A detailed assessment of the nominee's potential as a researcher and of the proposed research activity. Take into account the nominee's academic strength and the reputation of the university at which the nominee completed studies. In your assessment, consider the current supervisor's comments, the nominee's published papers and other contributions to research and development, and any other pertinent information

available.

A discussion of the quality of the foreign journals in which the nominee has published would be helpful.

- A detailed rationale for the nomination. Possible points of discussion include the:
  - suitability of the nominee's research interests to those of the proposed supervisor;
  - availability of the necessary specialized equipment and field research facilities;
  - possibility of the visit leading to long-term collaboration with a foreign establishment; and
  - possibility of the nominee participating in collaborative research involving both the proposed supervisor and industrial researchers.

- A detailed discussion of the benefits that are likely to accrue to the fellow, to the university and to Canada. How will the fellow benefit from the fellowship? Will the department's research capacity be enhanced? Will new techniques be acquired from another country? Will new links be established with other countries that could benefit Canada? Is the research in an area of strategic importance to Canada? What are the prospects for the fellow's subsequent reintegration in his/her home country? Will this collaboration be likely to turn into an ongoing collaboration with the Partner country researcher(s)?

- Justification for the proposed length of tenure (six months, one year or two years) in terms of the anticipated achievements during the term of the fellowship, the nature of the the time required to establish a meaningful collaboration. It is anticipated that most fellowships will be awarded for 12 months; requests for tenure of six months or two years should therefore be strongly justified.

- A relative ranking of the candidates, if more than one candidate is being nominated by your department.

- Confirmation that the nominating university or host supervisor will provide the mandatory $5,000 contribution to the stipend (for Industrial Fellowships, see below).

For industrially-related fellowships:

In addition to the above information, nomination for industrially-related fellowships should contain the following:

- a commitment from the industrial partner to contribute $5,000 per year if a fellowship is awarded;
- general information about the sponsoring company to determine its eligibility;
- a description of the research facilities to which the fellow will have access, the name of the proposed supervisor at the company, and a detailed description of the proposed interaction, including details of the time to be spent at the company.

Please note that before the fellow can take up an industrially-related award, NSERC will require that an agreement be signed by the university, the fellow and the industrial partner

- confirming that an Intellectual Property Agreement is in place;
- declaring any conflicts of interest of the proposed supervisor and the nominee, and stating that they do not have personal financial involvement with the sponsoring company. The university must confirm that the participants will follow the conflict of interest guidelines of the university.

Note
References to attached documents are not acceptable. Unsolicited documents will not be forwarded to the selection committee.

What does a signature mean?

The signature certifies that, if the nomination is approved:

- the fellow will be provided with the opportunity to engage in research as described on Form 200;
- every reasonable effort will be made to ensure that the fellow's stay in Canada will be successful;
- the fellow's time will be devoted entirely to research activities, and no teaching duties will be required; and
- the university will notify NSERC if the fellow's performance is considered unsatisfactory.

General Presentation

When you prepare the application and supporting materials, follow these guidelines:

- Print must be in black ink, and be of letter quality (minimum standard).
- Text must be single-spaced, with no more than six lines per inch.
- If you use a type size measured in points (pts), it must be **no smaller** than 12 pts.
- If you use a type size measured in characters per inch (cpi), it must be **no more** than 10 cpi.
- Condensed type is not acceptable.
- Use white paper, 8 1/2 x 11 inches (21.5 cm x 28 cm).
- Set margins at 3/4 of an inch (1.7 cm) all around.
- You can use a maximum of two pages.
- At the top of page 1, list the nominee's last name, given name and initials, and the year of the award.
- At the bottom of page 2, include the signatures and printed titles of the supervisor (or representative), the head of the department, and the university president (or representative).

Note:
If your application does not meet these standards, NSERC may reject it.

Mailing address

Send nominations for a NATO Science Fellowship to:

Scholarships and Fellowships Division
NSERC
350 Albert Street
Ottawa, Ontario K1A 1H5
Canada

Privacy issues

The information you are asked to provide is collected under the authority of the *Natural Sciences and Engineering Research Council Act*. Information on applications received by NSERC is stored in a series of NSERC data banks described in the federal publication *Info Source*. You can find details on how this information may be used in the *Access to Information Act* and the *Privacy Act* (ATIP), in the *Program Guide for Professors* on NSERC's Web site.

How to submit your application

When you submit your application, make sure you include up to date, official academic transcripts and supporting documentation, including the appropriate appendices. If you are contacting former universities and institutions to obtain this documentation, please remember that it may take time for them to provide you with the information you need for your application. As a result, plan ahead. Make sure you allow enough time before the application deadline.

For each of the programs, use the appropriate checklist to make sure your application is complete.

PGS A and B

- Form 200 – Parts I and II
- Support letters for foreign locations of tenure
- All official academic transcripts (undergraduate and graduate)
- Appendix 1, *Report on the Applicant*, in a sealed envelope (two required)
- Appendix 2, *Departmental/University Evaluation*
- Signed cover page
- Signed consent form (if applicable)

Number of copies: 1

Submit your application to the head of the department who will be completing Appendix 2.

IPS

- Form 200 – Parts I and II
- Official academic transcripts (undergraduate and graduate)
- Names of the faculty supervisor and the company co-supervisor
- Information on the sponsoring company
- Description of the research facilities to which the student will have access
- Certification by the Dean of Graduate Studies of your admission to the proposed degree program
- Statement signed by the university, the company, the student, and the university supervisor

Number of copies: 1

Submit your application directly to the university's Graduate Studies Office.

PDF

IRF

- Form 200 – Parts I and II
- Support letters for location of tenure (if applicable)
- Official academic transcripts (graduate)
- Appendix 1, *Report on the Applicant*, in a sealed envelope (two required)
- Appendix 2, *Departmental/University Evaluation* from Ph.D. University
- Signed cover page
- Signed consent form (if applicable)

Number of copies: 1

Applicants are responsible for ensuring the application is complete.

Submit your complete application directly to NSERC.

- Form 200 – Parts I and II
- Official academic transcripts (graduate)
- Appendix 1, *Report on the Applicant*, in a sealed envelope (minimum of two required)
- Two copies of publications
- Letter from collaborating organization (if applicable)

Number of copies: 1

Submit the application to the industrial organization which will then forward it to NSERC along with Form 217.

VF

- Form 200 – Parts I and II
- Copy of Diploma (if Ph.D. not completed, letter from department head stating the expected date of completion)
- Appendix 1, *Report on the Applicant*, in a sealed envelope (two required)

Number of copies: 2

Submit your application directly to NSERC

NATO

- Form 200 – Parts I and II
- Copy of diploma
- Appendix 1, *Report on the Applicant*, in a sealed envelope (two required)
- Nomination for a NATO Science Fellowship

Number of copies: 1

Submit your application to the proposed supervisor who will complete the nomination for a NATO Science Fellowship

Applications submitted directly to NSERC

If you are a **PGS** applicant and you are applying directly to NSERC, or if you are a **PDF** or **VF** applicant, you are responsible for making sure that the application documentation (including the required appendices) is completed and submitted to NSERC by the appropriate program deadline.

If you submit your application **directly** to NSERC, NSERC will acknowledge receipt of your application. However, applications submitted **indirectly** – through a university or industrial organization – will not be acknowledged to individual applicants.

Mailing address

Scholarships and Fellowships Division
NSERC
350 Albert Street
Ottawa, Ontario K1A 1H5
Canada

NSERC CRSNG

Updated: 2001-08-24

Scholarships & Fellowships Programs

How to Complete the Web Version of Form 200 - Appendix 1

Read and/or print the following documents before you start completing Form 200:

- Frequently Asked Questions on how to use the On-line System;
- The *Program Guide for Scholars & Fellows* for deadline and program details.

Whom should I contact if I need help?

If you have questions regarding:

1. the **program** to which you are applying (e.g., content of the application, program deadlines, eligibility, etc.), contact the **Staff** responsible for the program;
2. the **On-line System**, send an e-mail to webapp@nserc.ca or call (613) 995-4273.

Please include in your message the e-mail address where you may be contacted as well as your telephone number.

Appendix 1

Report on the Applicant

INSTRUCTIONS

Who should complete this form?

Complete this form if you have agreed to evaluate an applicant for an NSERC award.

Also...

- Use this form in conjunction with the applicant's completed copy of Form 200, *Application for an NSERC Scholarship or Fellowship* .
- Once you have completed this "Appendix 1, Report on the Applicant," NSERC and review committees (made up of external experts) will use it to review and assess the application for an award.
- Complete and submit this appendix by the date specified on the form. NSERC will not consider the application complete without it.

General presentation

When you prepare your report on the applicant, follow these guidelines:

- Print must be in black ink, and be of letter quality (minimum standard).
- Text must be single-spaced, with **no more** than six lines per inch.
- If you use a type size measured in points (pts), it must be **no smaller** than 12 pts.
- If you use a type size measured in characters per inch (cpi), it must be **no more** than 10 cpi.

Condensed type is **not** acceptable.

How to complete this appendix

If you are completing an evaluation:

- for a **PGS applicant** , use only the form provided; or
- for **all other applicants** , use one additional page if necessary.

Rate the applicant on each of the evaluation criteria listed below and provide a justification of your rating. Rather than providing general comments, assess the applicant's strengths and limitations for each criterion. Include **specific examples** of the applicant's accomplishments and contributions to support your assessment.

Note
If you provide exceptionally high or low ratings that are inconsistent with the application as a whole, they may diminish the report's credibility.

In accordance with the *Privacy Act* , this report will be accessible to the applicant.

Evaluation criteria

Research ability or potential

- Quality of the applicant's contributions to R&D, and role in joint publications.
- Quality of the journals in which the applicant has published.
- Relevance of applicant's work experience and academic training to the field of proposed research.
- Significance, feasibility, and merit of proposed research (not required for IRF and VF).
- Applicant's suitability for research (in the case of
- IRF nominees, you should specifically address the suitability for research in industry) in terms of:
    - ability for critical thought and analysis;

- ability to apply skills and knowledge;
- judgement;
- originality;
- initiative and autonomy;
- enthusiasm for research; and
- determination and ability to complete projects within an appropriate period of time.

Communication skills

- Ability or potential to communicate scientific concepts clearly and logically in written and oral formats (e.g., quality of presentations and papers, effectiveness of teaching).

Interpersonal and leadership abilities

- Ability or potential to interact effectively with coworkers in a scientific setting (e.g., capacity to share ideas, to provide and receive critical feedback).
- Leadership ability or potential relevant to a scientific career (e.g., mentoring, teaching, project management, chairing committees, organizing conferences or meetings, supervisory experience).

Submitting the appendix

Once you have completed your evaluation of the applicant, return this Appendix 1 to the following person or organization:

For PGS and PDF applications

Mail it in a sealed envelope to the applicant. You can also submit it to the head of the department at the university where the applicant is currently registered, or from which the applicant obtained the last degree.

For IRF applications

Submit it to the nominating company or to NSERC.

For VF applications

Submit it directly to NSERC.

Mailing address

If you are submitting this appendix directly to NSERC, mail it to the following address:

Scholarships and Fellowships Division
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350 Albert Street
Ottawa, Ontario

Canada K1A 1H5

Privacy issues

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You must use the information provided by the applicant only to help you complete Appendix 1 of the form, *Report on the Applicant* , and not for any other purposes.

NSERC routinely gives applicants access to information about them on file, but does not provide the applicant with the name of the person who signed the evaluation or the names of any other applicants mentioned in a comparative context. However, due to the nature of the application process, applicants are usually aware of who has completed their evaluation. As a result, you cannot expect privacy or anonymity.

With the consent of the applicant (Appendix 3), NSERC may release the complete application, including appendices, to interested government laboratories or agencies participating in the Visiting Fellowships in Canadian Government Laboratories program, industrial organizations participating in the Industrial Research Fellowships program, and agencies providing supplements in the Postgraduate Scholarships program.

NSERC CRSNG

Updated: 2001-08-24

Scholarships & Fellowships Programs

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- Frequently Asked Questions on how to use the On-line System;
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Whom should I contact if I need help?

If you have questions regarding:

1. the **program** to which you are applying (e.g., content of the application, program deadlines, eligibility, etc.), contact the **Staff** responsible for the program;
2. the **On-line System**, send an e-mail to webapp@nserc.ca or call (613) 995-4273.

Please include in your message the e-mail address where you may be contacted as well as your telephone number.

Appendix 2

Departmental/University Evaluation

INSTRUCTIONS

Who should complete this form?

Complete this form if you are evaluating an applicant for an NSERC award and you are the head of the department or a representative.

What do you need to complete this form?

Before you start completing this form to evaluate the applicant, make sure you have:

- Parts I and II of the applicant's completed copy of Form 200, *Application for an NSERC Scholarship or Fellowship*;
- completed copies of Appendix 1, *Report on the Applicant*, from two reviewers;
- the applicant's official academic transcripts; and
- other documents as described in Form 200, *Application for an NSERC Scholarship or*

Fellowship.

Complete this evaluation for all PGS and PDF applicants regardless of their current status. This information contributes to a fair assessment and comparison of all applicants whether they are still attending university or have been away for a number of years. If you are unable to provide a useful evaluation due to the length of time since the applicant was last registered in your department, please indicate this on the form.

Note

- The same person cannot complete both Appendix 1, Report on the Applicant , and Appendix 2, Departmental/University Evaluation.
- The proposed supervisor must not complete Appendix 2, Departmental/University Evaluation.

General presentation

When you prepare your departmental/university evaluation, follow these guidelines:

- Print must be in black ink, and be of letter quality (minimum standard).
- Text must be single-spaced, with **no more** than six lines per inch.
- If you use a type size measured in points (pts), it must be **no smaller** than 12 pts.
- If you use a type size measured in characters per inch (cpi), it must be **no more** than 10 cpi.

Condensed type is **not** acceptable.

A. How to complete this evaluation

This application has three parts: **Part I, Part II** , and **Part III** . Complete the part that applies to you.

Part I – The applicant

The applicant should complete Part I of the form and indicate whether the application is being submitted through a Canadian university or directly to NSERC.

Part II – The head of the department or a representative

Description of peer group

In this part of the form, you must define the peer group to whom the applicant is being compared. The peer group used for comparison should be consistent for all applicants – for the same award and from the same department – and should be large enough to provide a meaningful ranking.

Note that the peer group for applicants who have been away from university for **more** than 12 months may differ from that used for applicants who are currently enrolled in university, or who have been away from a Canadian university for **less** than 12 months.

Departmental ranking of applicant in comparison to peer group

In this part, indicate how the applicant ranks in comparison to other applicants in the same program of studies, or to peers at a similar level of experience.

Departmental comments on the applicant

Discuss the qualities or factors that led to the departmental ranking of the applicant. Comment on the applicant's strengths and limitations in comparison to the peer group using the following criteria:

- Academic excellence
- Research ability or potential
- Communication skills
- Interpersonal and leadership abilities

For more information about these selection criteria, consult the *Program Guide for Scholars and Fellows*.

Explain any discrepancies between the comments and rating in Appendix 1, *Report on the Applicant* , and the departmental ranking. If there were any unusual circumstances that may have affected the applicant's performance, please explain them.

If you are recommending an applicant for a PGS award who has not achieved a first-class average during the last two years of study, you must provide a rationale for the recommendation.

Ranked list of all PDF applicants from the department in the current competition

When there is more than one applicant, you must submit a ranked list of all PDF applicants from the department in the current NSERC competition. Applicants of equal merit may be grouped together.

NSERC recommends that the rankings and information requested in this section be based on a departmental committee's recommendations.

Part III - The scholarship liaison officer

This section is not to be completed for applicants applying directly to NSERC.

PGS only – weighted annual averages

On the form, indicate the weighted annual averages (grade point, percentage) for each of the last two completed years of study. Annotate the transcripts (do not highlight) to indicate which courses you have used in the calculation. You should note that, for PGS B candidates applying in their 3rd year of graduate studies, the average calculated for the last year completed should be that of the two years at the master's level. The "second last year" in such cases is considered to be the last year of undergraduate studies.

University ranking of applicant

In this part, indicate how the applicant ranks in comparison with other applicants being recommended by the university in each category.

B. Submitting this evaluation

Once complete, the appendix and the application documentation should be returned to the following person or organization:

For PGS applications being submitted through a Canadian university

Submit it directly to the Canadian university office responsible for reviewing and recommending applicants who are required to apply through a Canadian university.

For PDF and direct PGS applications

Mail it directly to NSERC, at:

Scholarships and Fellowships Division
NSERC
350 Albert Street
Ottawa, Ontario
Canada K1A 1H5

For more information about submitting an application, consult the NSERC Scholarships and Fellowships Guide .

Privacy issues

The information you are asked to provide is collected under the authority of the *Natural Sciences and Engineering Research Council Act* . Information on applications received by NSERC is stored in a series of NSERC data banks described in the federal publication *Info Source* . You can find details on how this information may be used in Appendix 2, The Access to Information Act and the Privacy Act , in the *Program Guide for Scholars and Fellows*.

You must use the information provided by the applicant only to help you complete Appendix 2 of the form, *Departmental/University Evaluation* , and not for any other purposes.

NSERC routinely gives applicants access to information about them on file, but does not provide the applicant with the name of the person who signed the evaluation or the names of any other applicants mentioned in a comparative context. However, due to the nature of the application process, applicants are usually aware of who has completed their evaluation. As a result, you cannot expect privacy or anonymity.

With the consent of the applicant (Appendix 3), NSERC may release the complete application, including appendices, to interested government laboratories or agencies participating in the Visiting Fellowships in Canadian Government Laboratories program, industrial organizations participating in the Industrial Research Fellowships program, and agencies providing supplements in the Postgraduate Scholarships program.